

Computer E-Learning 1

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Content

- **What is E-learning**
- **Types of E-learning**
- **Learning Management Systems**
- **G-Suite**
- **G-Suite Apps**

E-Learning

- It is one of the means that supports the educational process and transforms it from the stage of indoctrination to the stage of creativity, interaction and skill development, and combines all electronic forms of teaching and learning, as it uses the latest methods in the fields of education, publishing and entertainment by adopting computers and their storage media and networks.
- The rapid changes in the field of technology have led to the emergence of new patterns of learning and teaching, which has further consolidated the concept of individual or self-education. Where the learner continues his learning according to his energy, ability, speed of learning, and according to his previous experiences and skills.

E-Learning

- E-learning is considered one of these advanced patterns of so-called distance learning in general, and computer-based education in particular.
- Where e-learning relies mainly on computers and networks in the transfer of knowledge and skills.
- Its applications include (learning via the web, computer learning, virtual classrooms, and digital collaboration).

Types of E-Learning

- Synchronous e-learning التعليم المتزامن
- Asynchronous e-Learning التعليم الغير متزامن
- Blended Learning التعليم المدمج

Synchronous e-learning

- It is online education or direct broadcasting, which requires the presence of the teacher and the learner at the same time in front of computers, to conduct discussion and conversation between the learners themselves, and between them and the teacher, and this discussion takes place by means of various e-learning tools, which are
 - Online Whiteboard
 - Conferences via (video, audio)
 - chat rooms

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Asynchronous e-Learning

- It is an indirect education that does not require the presence of the learners at the same time, as the learner can obtain the study according to the times suitable for him and with the effort he wishes to provide.
- Uses tools such as e-mail, the Web, mailing lists, and discussion groups.

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Blended Learning

- One of the teaching or learning modes in which e-learning merges with traditional classroom learning in one framework,
- where e-learning tools, whether based on a computer or on the network, are used in lessons, such as computer labs and smart classes, and the teacher meets the learner face to face most of the time.

Blended Learning

- **Blended learning requirements**
- E-learning in general requires making many changes in traditional classes. So schools need to invest not only in technology, but also in professional development.
 - Technical Requirements
 - Human Requirements

Blended Learning

- **Technical Requirements**

- Availability of infrastructure and learner needs from various learning resources.
 - Availability of virtual classes alongside traditional classes, complementing each other.
 - Availability of e-learning management software.
 - Availability of tools and means that are used in practical training.
- Human Requirements

Blended Learning

- **Human Requirements:**
- The learner has the ability to:
 - Participate effectively in the educational process.
 - Electronic or face-to-face communication.
 - Dealing with information technology.
 - Cooperation and interaction with the teacher and his colleagues, especially in training workshops.
 - Achieving educational goals.
 - Dialogue and discussion during lectures.
 - Dealing with various printed and electronic learning resources.

Blended Learning

- **Human Requirements:**
- The teacher has the ability to
 - Effective face-to-face communication.
 - Dealing with information technology.
 - Direct interaction with learners.
 - Designing printed and electronic tests and assessment tools.
 - Search for information in print and non-print sources.
 - The shift from traditional education to e-learning.
 - Provide direct feedback to the learner.

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Learning Management Systems

- G SUITE PACKAGE
- EDMODO PLATFORM
- MOODLE PLATFORM

The logo for G-Suite, featuring the text "G-Suite" in a stylized font where each letter is a different color (G: blue, S: red, U: yellow, I: green, T: red, E: red). The logo is centered within a white circular border, which is itself inside a white square frame.

















































































G-Suite

What is G-Suite ?

- Google Apps is a collection of cloud computing, productivity, and collaboration tools, software, and products developed by Google Cloud, first launched on August 28, 2006 as Google Apps.



Google Apps

 Google Pay	 Google Photos	 Google Play	 Google Play Books
 Google Play Games	 Google Play Movies & TV	 Google Play Pass	 Google Play Protect
 Google Podcasts	 Google Shopping	 Google Street View	 Google Tasks
 Hangouts	 Keep	 Maps	 Measure
 Messages	 News	 PhotoScan	 Pixel
 Pixel Buds	 Pixelbook	 Scholar	 Search
 Sheets	 Sites	 Slides	 Snapseed
 Stadia	 Tilt Brush	 Translate	 Trusted Contacts
 Voice	 Waze	 Wear OS by Google	 YouTube
 YouTube Kids	 YouTube Music	 YouTube TV	 YouTube VR
 Android Auto	 Android OS	 Android TV	 Calendar
 Cardboard	 Chrome	 Chrome Web Store	 Chromebook
 Chromecast	 Connected Home	 Contacts	 Digital Wellbeing
 Docs	 Drive	 Earth	 Finance
 Forms	 Gboard	 Gmail	 Google Alerts
 Google Arts & Culture	 Google Assistant	 Google Authenticator	 Google Chat
 Google Classroom	 Google Duo	 Google Expeditions	 Google Family Link
 Google Fi	 Google Files	 Google Find My Device	 Google Fit
 Google Flights	 Google Fonts	 Google Groups	 Google Home App
 Google Input Tools	 Google Lens	 Google Meet	 Google One

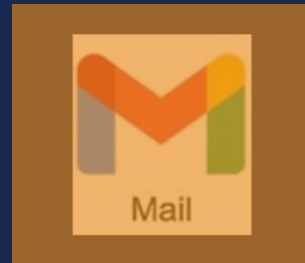
Google Apps for education



Hangout



Classroom



Mail

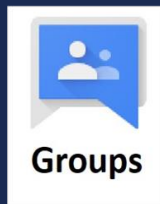


Drive



Docs

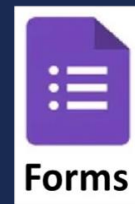
Google



Groups



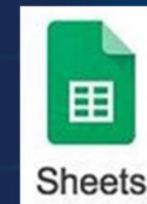
Calendar



Forms



Slides



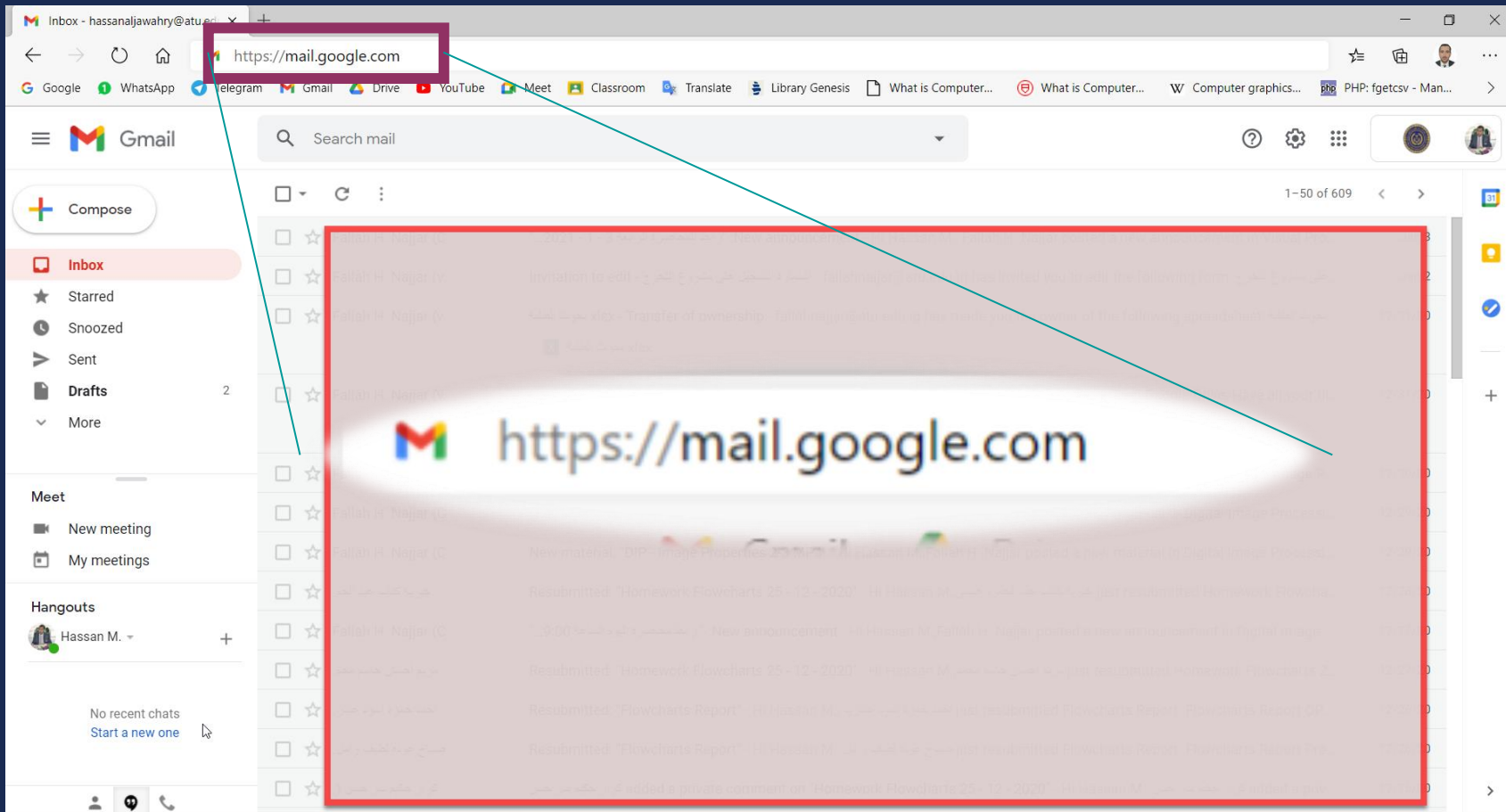
Sheets



G-Mail

- There are many ways to access this application through a computer:

G-Mail



1- Open your browser

2- Write the link in the
link bar:

<https://mail.google.com/>

G-Mail

- Open browser
- Enter the Google search engine
- Type in Gmail search place

G-Mail

Google

https://www.google.iq

Gmail Images [Sign in](#)

Google

G-Mail

Google Search I'm Feeling Lucky

Google offered in: [كوردى العربية](#)

Iraq

[Advertising](#) [Business](#) [About](#) [How Search works](#) [Privacy](#) [Terms](#) [Settings](#)

G-Mail

The image shows a Google search interface for the term "Gmail". At the top left is the Google logo. The search bar contains "Gmail" and has a "Sign in" button on the right. Below the search bar are navigation links for "All", "Images", "Videos", "Maps", "News", and "More", along with "Settings" and "Tools". The search results indicate "About 2,400,000,000 results (0.45 seconds)".

The first search result is highlighted with a red border and contains the following text:

[www.google.com / gmail](#)
Gmail - Google
Gmail is email that's intuitive, efficient, and useful. 15 GB of storage, less spam, and mobile access.
[Program Policies](#) · [Email encryption in transit](#) · [Google Workspace Status](#) · [Accounts](#)

Below this result are other links:

[www.google.com > gmail > about](#)
Gmail - Email from Google
Gmail is available across all your devices Android, iOS, and desktop devices.

[accounts.google.com > Signup](#)
Create your Google Account - Google Accounts
A single username and password gets you into everything Google (Gmail, Chrome, YouTube, Google Maps). Set up your profile and preferences just the way ...

[accounts.google.com > Login](#)
Use your Google Account - Sign in - Google Accounts
Sign in. Use your Google Account. Email or phone. Forgot email? Type the text you hear or see. Not your computer? Use Guest mode to sign in privately.

At the bottom left, there is a "People also ask" section.

On the right side of the page is a knowledge panel for "Gmail". It features the Gmail logo, a video thumbnail, and a "More images" button. The text in the panel reads:

Gmail

Gmail is a free email service developed by Google. Users can access Gmail on the web and using third-party programs that synchronize email content through POP or IMAP protocols. Gmail started as a limited beta release on April 1, 2004 and ended its testing phase on July 7, 2009. [Wikipedia](#)

Created by: Paul Buchheit
Date launched: April 1, 2004
Content Licence: Proprietary software
Written in: Java, JavaScript, C++ (back-end), JavaScript (UI), Ajax

Below the panel is a "People also search for" section with icons for Outlook, Instagram, Yahoo!, LinkedIn, and Google Translate, and a "View 10+ more" link.

G-Mail

- or through:
 - open browser
 - Enter the Google search engine
 - Open Apps associated with the account and choose Gmail



Google Search

I'm Feeling Lucky

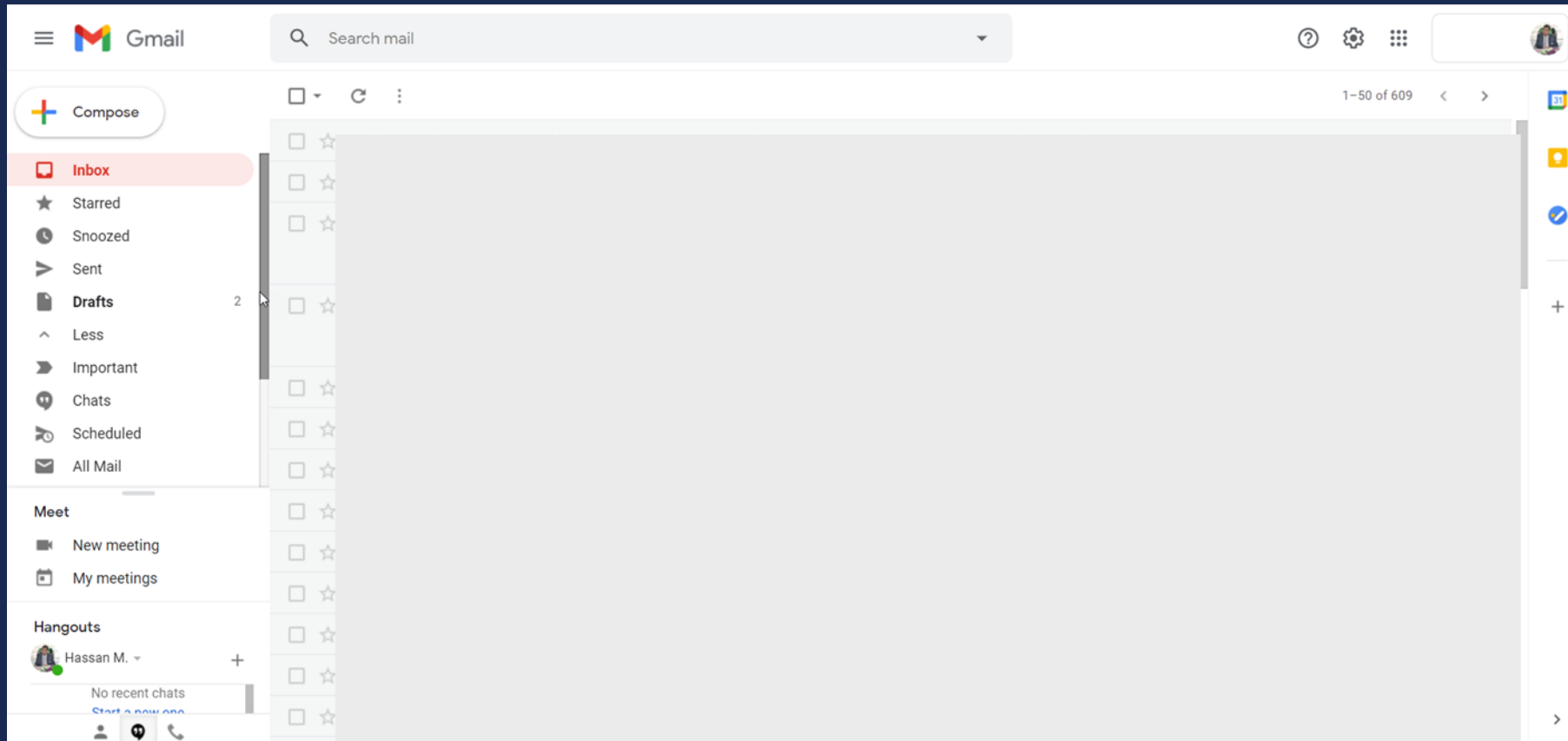
Google offered in: [العربية](#) [كوردى](#)

G-Mail

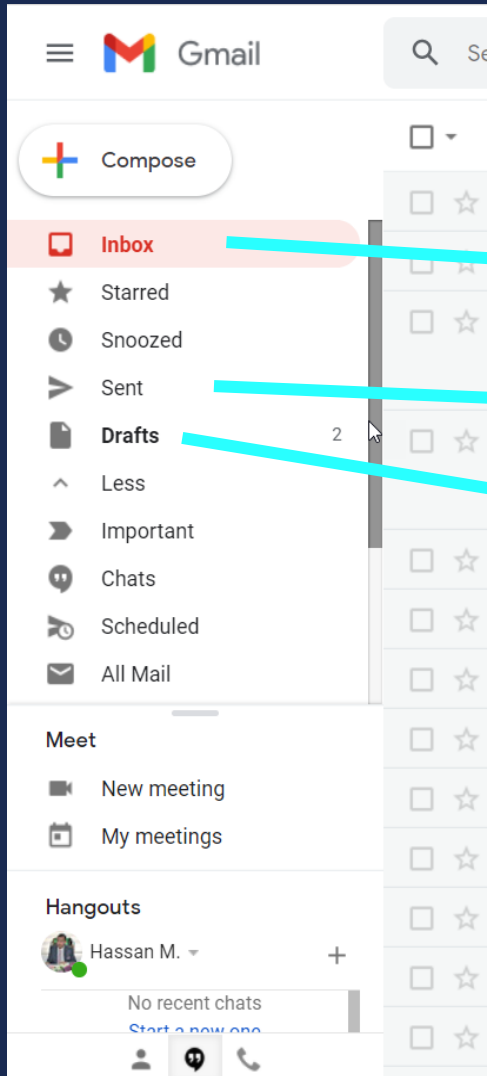
The image shows the Google homepage interface. At the top right, there are links for "Gmail" and "Images", and a "Sign in" button. The central part of the page features the "Google" logo, a search bar with a magnifying glass icon and a microphone icon, and two buttons: "Google Search" and "I'm Feeling Lucky". Below the search bar, it says "Google offered in: كوردى العربية". On the right side, there is a grid of application icons including Account, Search, Maps, YouTube, Play, News, Gmail (highlighted with a red box), Meet, Contacts, Drive, Calendar, and Translate. At the bottom left, the location "Iraq" is displayed. At the bottom right, there are links for "Privacy", "Terms", and "Settings". The browser address bar at the very bottom shows the URL: https://myaccount.google.com/?utm_source=OGB&tab=wk&utm_medium=app

G-Mail

- The most important boxes in the e-mail



G-Mail



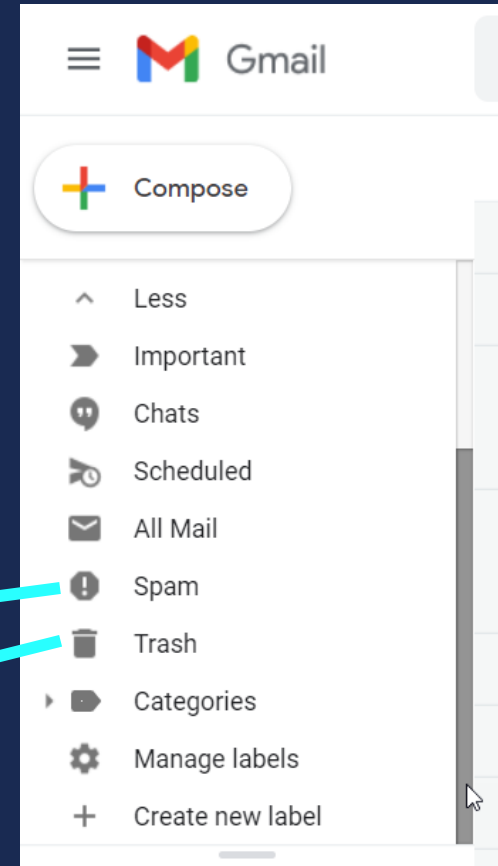
Inbox mail

sent mail

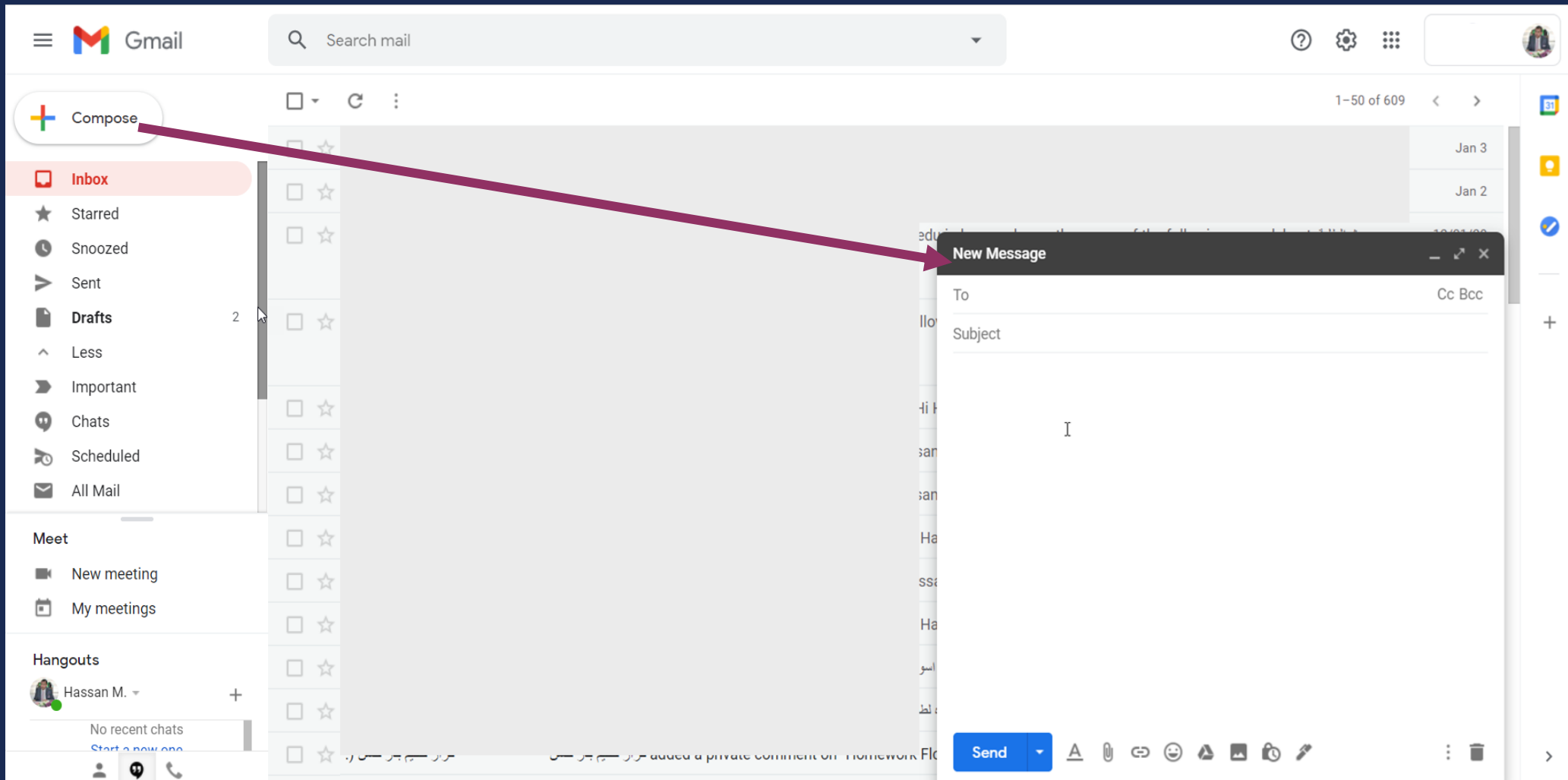
drafts

Spam

Trash



G-Mail



G-Mail

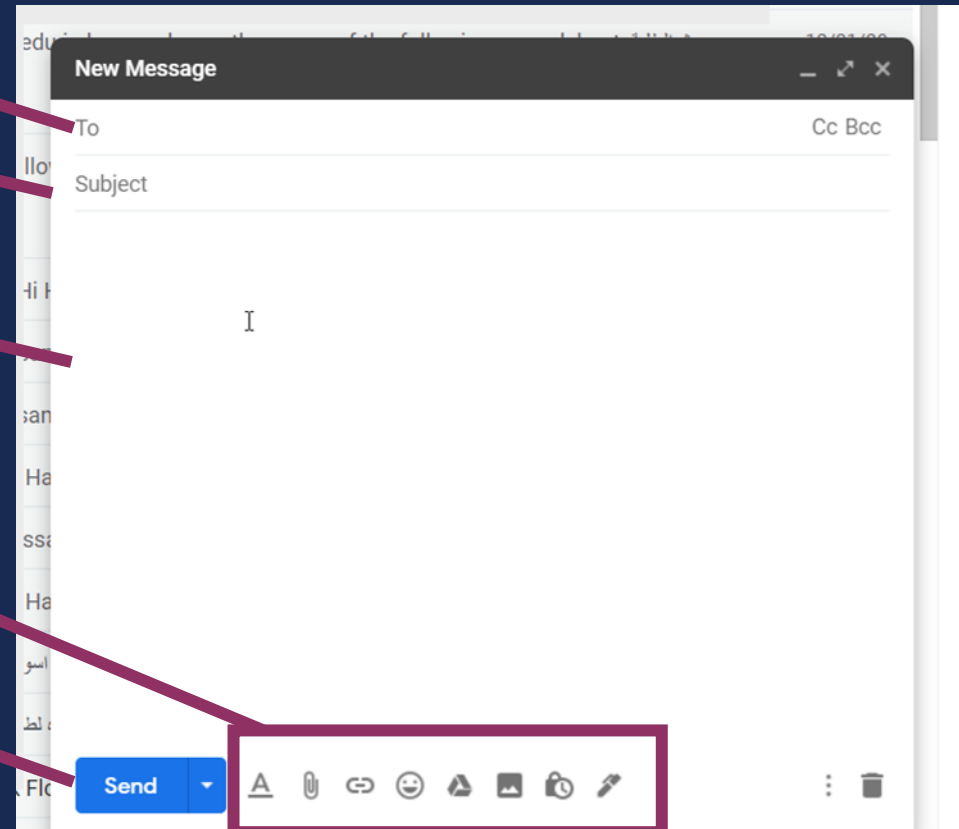
to

the topic

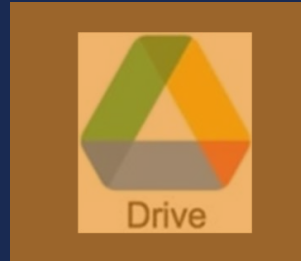
Text

Tools

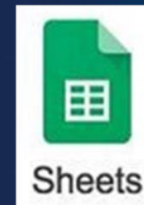
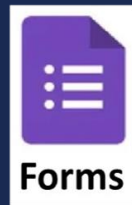
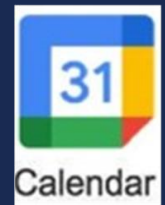
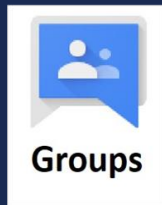
send



Google Apps for education



Google



Google Drive

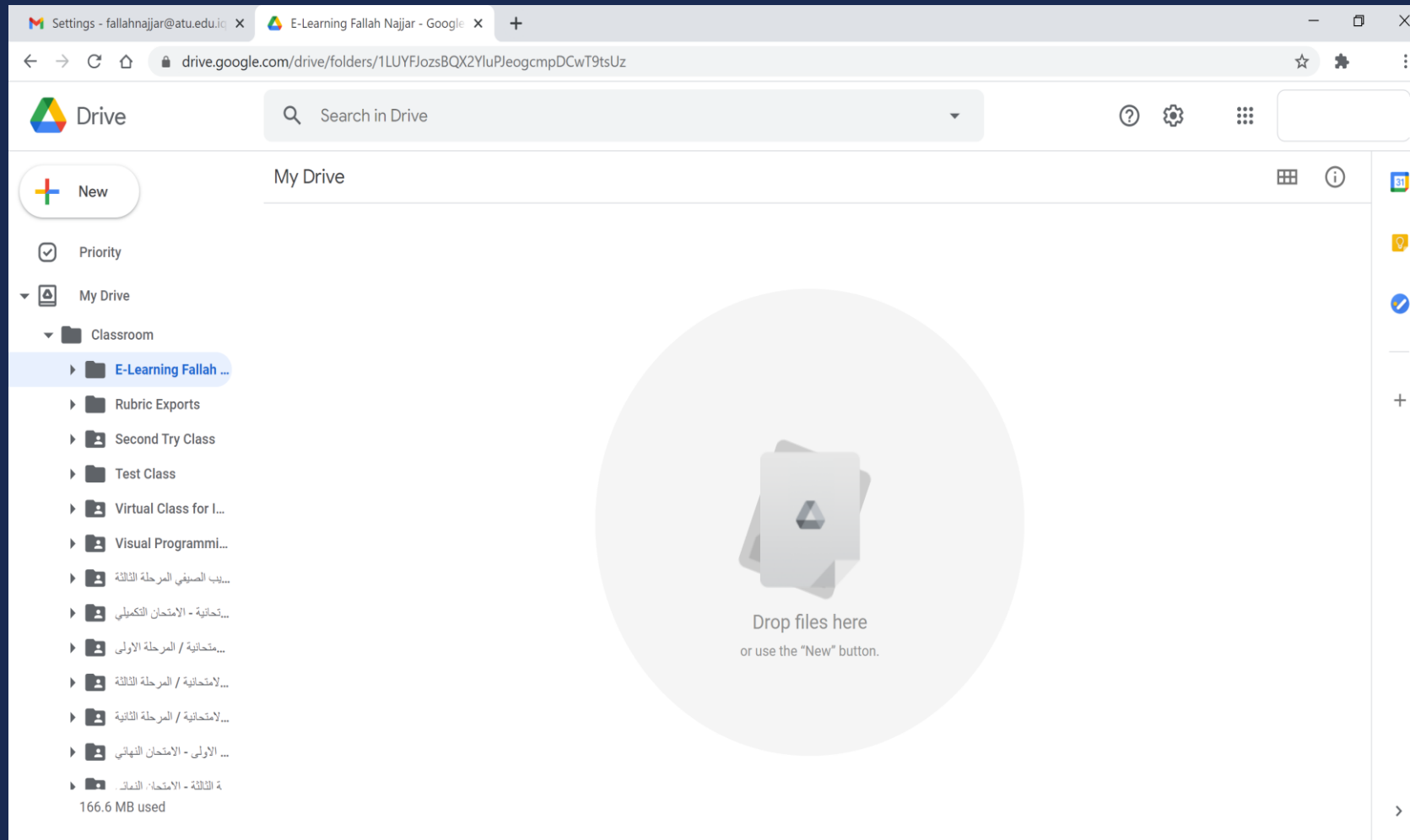
- It is a web-based cloud storage platform
- You can store your files safely
- It can be accessed from any device
- Create, share and edit your files. You get unlimited storage with G Suite for Education.
- It can be accessed in the same ways that we got to G-Mail, except that the link in the first method is: <https://drive.google.com/>



What are the other ways?

Google Drive

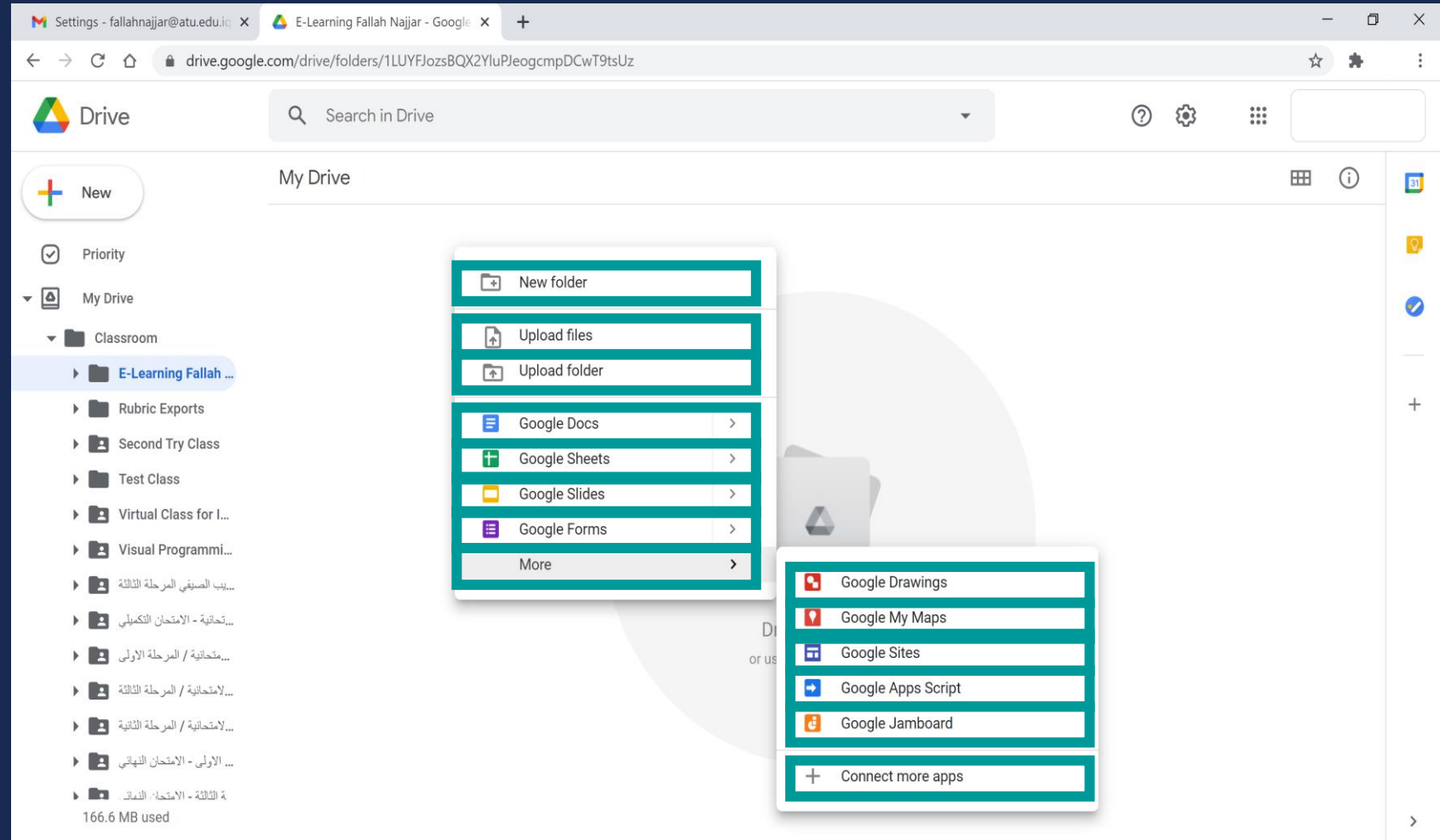
You can create multiple files in your Google Drive



The screenshot displays the Google Drive web interface. At the top, the browser tabs show 'Settings - fallahnajar@atu.edu.ic' and 'E-Learning Fallah Najjar - Google'. The address bar contains the URL 'drive.google.com/drive/folders/1LUYFJozsBQX2YluPJeogcmpDCwT9tsUz'. The main header includes the 'Drive' logo, a search bar labeled 'Search in Drive', and utility icons for help, settings, and app launcher. On the left sidebar, the 'New' button is prominent, along with 'Priority' and 'My Drive' sections. Under 'My Drive', a 'Classroom' folder is expanded to show a list of sub-folders, with 'E-Learning Fallah ...' selected. Other folders include 'Rubric Exports', 'Second Try Class', 'Test Class', 'Virtual Class for I...', 'Visual Programmi...', and several folders with Arabic names related to exam stages. At the bottom of the sidebar, it indicates '166.6 MB used'. The main content area, titled 'My Drive', features a large circular drop zone with a document icon and the text 'Drop files here or use the "New" button.' On the right side, there are icons for Google Meet, Google Classroom, and a plus sign for additional apps.

Google Drive

- New Folder
- Upload A File From Another Location
- Upload A Folder From Another Location
- Create A New Doc File
- Create A New Sheets File
- Create A New Slides File
- Create A New Form
- And Other Applications



Any Question?

