

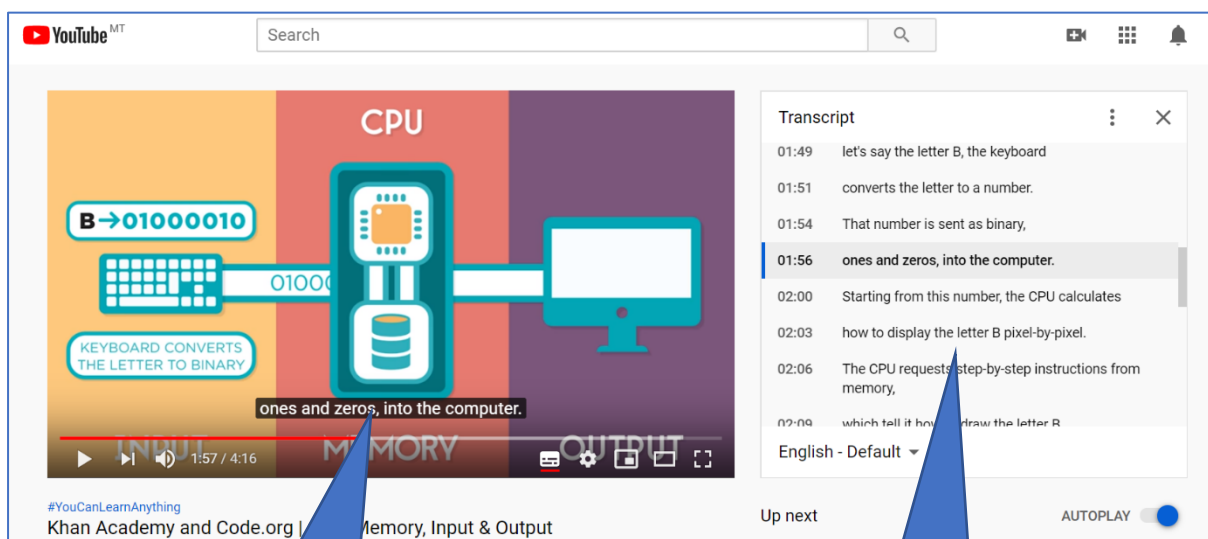
Exercise on Operating Systems

To work this exercise you need to view the following two videos:

https://www.youtube.com/watch?v=IOAMkJSjy2k&list=PLK_onoF01yDvByxFOyKzx8kwoyMYOyWth&index=2, and

<https://www.youtube.com/watch?v=feECP9Q21Ow>

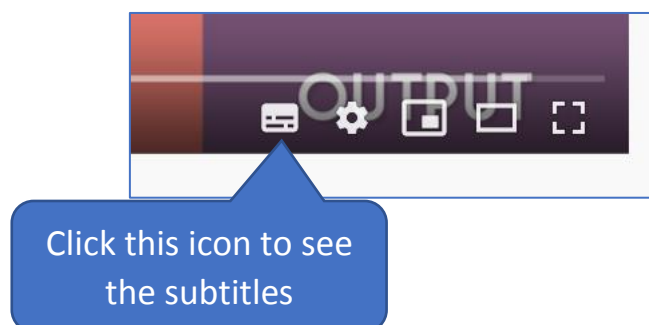
The videos have the option of seeing the transcription (i.e. written words that show what is being said, in text that you can read) either as subtitles and as scrolling text. The diagram below shows the subtitles and the scrolling text.



subtitles

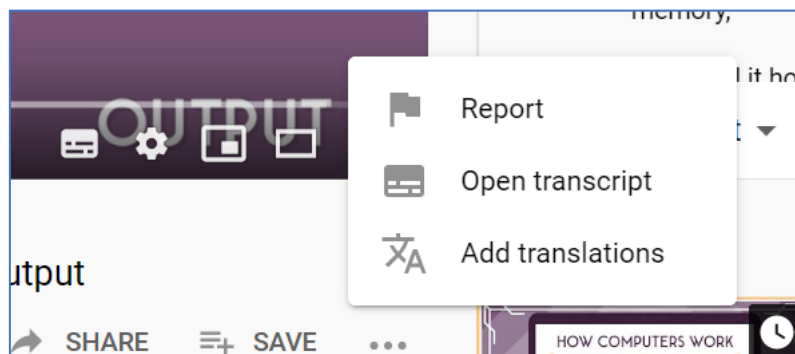
transcript

To see the subtitles click on the icon shown below.



Click this icon to see the subtitles

To make the transcript visible follow the instructions on the next diagram.



To view the transcript click on the three dots then click on 'Open transcript.'

- 1) After viewing the first video answer the following questions:
 - a. This video mentions four types of user interfaces.
 - i. Which are they?
 - ii. Mention another user interface (you use it all the time on your mobiles).
 - b. What is multitasking?
 - c. What is memory management?
 - d. Using the words {menu, operating system, device driver, option} fill in this sentence:

When a user wants to print a document from a word processor, the user normally notifies the word processor by using the right _____ from a drop-down _____. The word processor passes a message to the _____, and this, in turn, with the help of the _____ communicates the printing details to the printer.
 - e. What is fragmentation and how does it come about?
- 2) After viewing the second video answer the following questions:
 - a. Why do some files have an extension?
 - b. What is file management?