

## Faculty of Information Technology and Computer Science (FIT)

Course: Selected Topics IN IT

Code: INT 489

### Sheet (7)

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1. Write a Python program that reads the contents from a file and displays the contents of a file on the screen.
2. Write a Python program that reads 250 letters from the contents of a file and displays the contents of a file on the screen.
3. Write a Python program that reads one line from the contents of a file and displays the contents of a file on the screen.
4. Write a Python program that reads all lines from a file, and then saves lines into an array.
5. Write a Python program that writes the following words "Essential Courses: Introduction to a computer system, Image processing, Micro-controller." into an output file on the hard disk.
6. Write a Python program that writes the following words "Essential Courses: Introduction to a computer system, Image processing, Micro-controller." as a separate line into an output file on the hard disk.
7. Write a Python program that writes the following words Database, Computer Languages, and Data Structure and Algorithm to append new lines as separate lines into an output file that contains Essential Courses: Introduction to a computer system, Image processing, Micro-controller in a separate line.
8. Write a Python program that writes the text "Welcome Selected Topics IN IT " on file and move the cursor 9 steps from the beginning write "to" and the end and write "course" using the seek () function.
9. Write a Python program that calculates the numbers of the characters in the files and displays the result on the screen using the tell () and seek () functions.

**Note:**

Repeat the above questions using "with" instead of the file close () operation