

## **File Handling Questions**

**(1) Write a Program which creates a file called Cinemas.txt and populate it with your 3 favourite films.**

So, the file Cinema.txt may contain the following films:

Little Women  
Game of Thrones  
Star Wars

**(2) Write a Program which reads the file Cinema.txt and outputs the contents line by line.**

Output  
Little Women  
Game of Thrones  
Star Wars

**(3) Write a Program which reads the contents of the file Cinema.txt into a list and then outputs the list in alphabetical order.**

Output  
Game of Thrones  
Little Women  
Star Wars

**(4) Now, write a Program which adds 2 more films to the file Cinema.txt.**

So, the file Cinema.txt could look like this:-

Little Women  
Game of Thrones  
Star Wars  
2017  
Cats

**(5) Write a Function called Favourite\_Books which invites the user to enter the names of 5 favourite books and writes the names to a file called Book.txt. (Afterwards check that the file Book.txt is created with the relevant contents).**

So, the file Books.txt could contain:-

The Autobiography of Bill Gates  
Explaining Big Data  
Artificial Intelligence Made Simple  
Elon Musk in his own words.  
The Bitcoin Revolution

(6) Write a Function called `Inventions_Year()` which reads the contents of the following 2-D array and stores it in a file called `Inventions.txt`.

```
[[ 'Television', '1927'],  
 ['Computer', '1832' ],  
 ['5G', '2013' ],  
 ['WWW', '1989' ]]
```

(7) Now, write a Function which reads the contents of the file `Inventions.txt` which outputs the contents of the file `Inventions.txt`.

(8) Now, create your own 2-D array with details of 3 Artists and Songs. Then create a file called `Artist_Song.txt` which stores the contents of the 2-D array.

(9) Now, create a Program which outputs the contents of the file `Artist_Song.txt`.

(10) What are the different ways you know of being able to permanently store information?