B
1.
Input file has the following structure:
name    -    string
birtdate    -    record
    day    -    integer
    month    -    integer
    year    -    integer

Your task is to write a program that displays all years from birthdate to birthdate + 100 when the birtday occurs on Saturday if January 1st 1900 was Monday.

2.
What is file descriptor?

D
1.
Input file has the following structure:
personal ID    -    string
number of children    -    integer
IDs of children     -    array of strings

Your task is to write a program that based on this information looks up the grandchildren for each person. Write to screen and to a text file the following data:
personal ID    -    string
number of grandchildren    -    integer
IDs of grandchildren    -    array of strings

D4
1.
There are two input files. The first one has the following structure:
student name    -    string
student code    -    string

The second one has the following structure:
subject name    -    string
student code    -    string
mark    -    integer (0..5)

Your task is to combine the data from these two files using student code and write to screen and to a text file the following data:
subject name    -    string
student code    -    string
student name    -    string
mark    -    integer (0..5)

E2
1.
Input file has the following structure:
index    -    integer
measurement    -    real
location    -    string

Your task is to sort this data based on measurement value in descending order and index value in ascending order. Write the sorted array to screen and to a text file.

2. What is index file? Where is it used? Provide an example.