

## Week 21 Tutorial

### Question 1

Write a program to:

- Take user input for 10 accounts holders: account number, name, balance, account opened date
- Save the information in a file "bank.txt".
- Now, read the file and print all the result.
- Also, print the total balance of all account holders

### Question 2

Rewrite the above program using any of the layout manger to input the values and display the values.

### Question 3

Create a class Utils with following static methods:

- static boolean isEven(int number) - return true only if the number is even
- static boolean isPositive(int number) - return true if the number is posit
- static double calcualteAverage(int a, int b, int c) - return the average

Create a class UtilsTest with the following:

- main method: call all the above methods

#### **Question 4**

Create a class Exam with the following:

- void check() throws Exception
  - Input the total number of subjects
  - If the total subjects is greater than 5, then throw exception with suitable message else print the value.
- Main method
  - call check() method.
  - Run the program.
  - Now, surround the check() method with try catch.
  - Run the program again.