**Java Assignments**

**Date: 22-08-2023**

1. Write a Java program to convert minutes into a number of years and days
2. Write a Java program to find the duplicate values of an array of integer values
3. Write a Java program to find the kth smallest and largest element in a given array. Elements in the array can be in any order.
4. Write a Java program to find the numbers greater than the average of the numbers of a given array.
5. Write a Java program to move every positive number to the right and every negative number to the left of a given array of integers.
6. Display a question to user allow the user to answer the question. Allow 3 chances to user. If correct answer display "Good" else display correct answer after 3 attempts.
7. Shown below is a Floyd's triangle.   
   1  
   2 3   
   4 5 6  
   7 8 9 10  
   11 ... ... ... 15  
   .  
   .  
   79 .. .. .. .. .. .. .. .. 91
   1. Write a program to print this triangle
   2. Modify the program to produce the following form of Floyd's triangle   
      1  
      0 1  
      1 0 1  
      0 1 0 1  
      1 0 1 0 1