

WIX1002 Fundamentals of Programming
Semester 1 2015/2016
Tutorial 1 Problem Solving in Programming

Build the pseudocode and flow chart for each of the problems:

Part I

1. You have to print the name and the matric number entered by user.
2. You have to print the addition of two numbers entered by user.
3. You have to display the pass/fail grade based on the mark entered by user.
4. You have to display the results of the two players' dice game.
5. You have to display the area of a rectangle.
6. You have to display the maximum number from 5 random numbers generated by computer.
7. You have to display the number of odd and even number from 10 random numbers generated by computer.

Part II

8. You have to count the number of alphabet A and E from the sentence entered by user.
9. You have to display the frequency of a keyword from a web page.
10. You have to display the number of male student from a random list of 100 students.
11. You have to display a list of 10 random numbers in ascending order. (Sort)
12. You have to guess a random number generated by computer.