

Assignment 1

First Homework (After Execution)

You must solve that five problems in Java and C++.

- 1) Write a program that will print your initials to standard output in letters that are nine lines tall. Each big letter should be made up of a bunch of *'s. For example, if your initials were "UMA", then the output would look something like:

```

      *      *      *      *      *
      *      *      * * * *      *      *
      *      *      *      *      *      *      *
      *      *      *      *      *      *      *      *
      *      *      *      *      *      *      *      *
      *      *      *      *      *      *      *
      * * * * *      *      *      *      *

```

Note: Please don't try to use loop.

- 2) Just print Table of Two.
- 3) Find Factorial with proper solution as output like $5! = 5 \times 4 \times 3 \times 2 \times 1 = 120$.
- 4) Each new term in the Fibonacci sequence is generated by adding the previous two terms. By starting with 1 and 2, the first 10 terms will be: 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, ...
- 5) Write a program to find out if a number is prime?

Basic JAVA Example Codes

Write down all programs in JAVA as it is from "02 - Basic Java Example Codes.pdf" for compiling and execution purposes. You should replicate these all programs in C++.

Note: No submission will be accepted after the 11:59 pm on 30th Sep. 2014.