

# Assignment-01 (15 Points)

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Course: **Modern Programming Languages**

Class: **BSCS-6<sup>th</sup>**

Course Instructor: **Mr. Mubashir Ali** – Lecturer (Department of Computer Science)

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## INSTRUCTIONS

1. You are allowed to **consult** the online material in preparation of this assignment.
2. Do not copy and paste. Copy and pasted material from any source will be awarded zero marks.
3. Please use a 12-point font in Times New Roman or Arial.
4. The Assignment includes **Lecture # 1 to Lecture # 9**.
5. Last date for the Submission of the assignment is **Jan. 24, 2018**.

## QUESTION # 1:

**(2)**

1. What is concept of assertion in programming?
2. Explain the following terms
  - a. Terse Notation
  - b. BNF

## QUESTION # 2:

**(13)**

Write “Hello World” Program in following languages

- FORTRAN
- ALGOL
- COBOL
- BASIC
- SIMULA
- PASCAL
- C
- Prolog
- C++
- JAVA
- C#
- Smalltalk
- PHP