ASSIGNMENT-1

1)\*Computer memory consists of transistors which that switch between high and low voltage, and represented by 0 and 1.

2)\* IDE- (Integrated development environment)

3)\*\*Text editor | Code editor

It is simply editor. It is personalized.

Extensions are provided for diff programming languages.

Eg -notepad Eg-VS code.

4) \*Write the source code

* Compile and run the code
* Get the output

5) a) **C17 / June 2018**

**b)Denis Ritchie**

* **c) System Software is the type of software that is the interface between application software and system.**
* **Application Software** is the type of software that runs as per user request.
* Low-level languages are used to write the system software.
* High-level languages are used to write the application software.
* without system software, the system can not run on the other hand without application software, the Low-level maintains system always runs.

6) by **dividing the given number repeatedly by 2 until we get 0 as the quotient,** **Then, we write the remainders in the reverse order to get the binary value of the given decimal number.**