

## Day 6 Assignment

1. What is a programming language?

Ans A programming language is a computer language that is used by programmer (developers) to communicate with computer. It is a set of instructions written in any specific language (C, C++, Java, Python) to perform a specific task.

Type of programming language

- (I) Machine language
- (II) Assembly language
- (III) High level language.

2. Why do we need a programming language?

Ans Programming Language is important in our daily life to enhance and increase the power of computers, mobile solutions, and the internet.

3. What is feature of Java?

Ans

- object-oriented
- Platform independent
- Simple
- Secure
- Portable
- Robust
- Multi-threaded
- Distributed

4. What is an object?

Ans An object is an entity with state and behaviour such as chair, marker, pen, table or car. It could be intellectual or physical.

An object has three characteristics

- State
- Behaviour
- Identity

5. What is class

Ans A class is a collection of item with similar characteristics. It serves as a model or blueprint from which they can be made. It makes sense as a whole. It cannot be bodily.

In Java, a class could include!

- Field
- Methods
- constructor
- Blocks
- Nested class and interface

6. Explain about the main() method in java!

Ans The main() is the starting point for JUM to start execution program. without the main() method, JUM will not execute the program.

key word      method name

public static void main (String arg[])

↓                      ↓                      ↓

Access specifier      Return type      Array of string type.