

# Revision Design and Technology..G7

2018-2019



**Semester (1)**

## Learning outcomes of Unit 1

- **Recognize the importance of of programing.**
- **Identify the key programing terms.**
- **Construct flowcharts from algorithms.**



## Your Teacher : Duaa Bani- Domi

### Definitions

#### ❖ What are programming and programming languages?

**Programming** :- Writing code to complete a task.

**Programming language** :- a language to create programs that the computer understand .

**There are two main types of programming languages :**

1- High level

2- low level

**Some popular programming languages :**

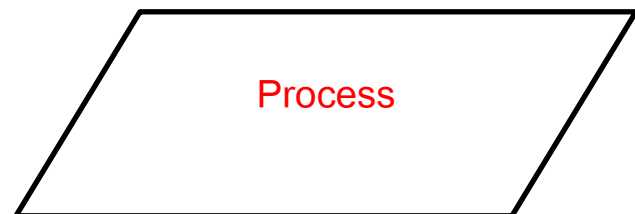
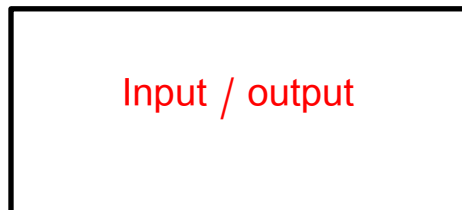
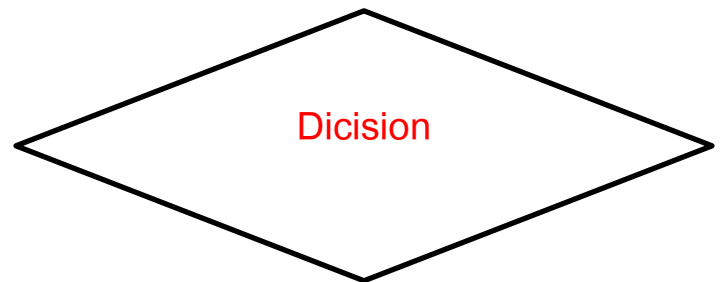
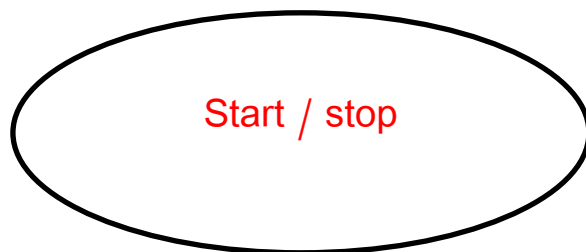
- Java : the main foundation for making Android apps.
- Python: One of the easiest programming languages to learn.
- Objective C : this is the programming language used for may iOS apps for iphones and ipads.

- **C#** : is used to make Microsoft apps.

❖ **Algorithms** : Steps we follow to solve a problem .

❖ **Flowchart** :a diagram from of an algorithm to show how to solve a problem.

All shapes are connected with arrows:



**Notice** : All the activities in Unit 1

very important

Good luck