**ASSIGNMENT 1**

Task 1:

Computer programming languages is a type of “language” that is exclusively used to communicate with technological device, computers, and so on for the goal of programming digital and technical products.

The top computer programming languages used today are python, ruby, java, pascal, c, etc.

Features of procedural programming:

-Top-down approach.

-Local variable.

-Global variable.

-Pre-defined functions.

Task 2:

-The variables and data types required in the program: char name[50]

int ID, n float grade student st[100]

-Do…while loop. This loop will execute the code block once before checking to see if the condition is true, and then it will loop as long as the condition is true.

-The program is divided into many functions (sub-functions):

+Function for inputting.

+Function for outputting.

+Function for finding max grade and min grade.

Main

Output

Finding max, min grade

Input

Task 3:

True

False

False

True

Output max

False

i=i+1

max=student[i].grade

student[i].grade>max

i<n

int i=0

float max=student[0].grade

Input int ID student, float grade

True

n<=0

Do…while loop input int n

True

False

False

True

Output min

False

i=i+1

min=student[i].grade

student[i].grade<min

i<n

int i=0

float min=student[0].grade

Input int ID student, float grade

True

n<=0

Do…while loop input int n