

DAY1

1. Mention the difference between interpreter and compiler.

- A compiler takes entire program and converts it into object code which is typically stored in a file. The object code is also referred as binary code and can be directly executed by the machine.

Examples of compiled programming languages are C and C++.

- An interpreter directly executes instructions written in a programming or scripting language without previously converting them to an object code or machine code.

Examples of interpreted languages are Perl, Python and Matlab.

2. Define a class Student with following members:

int roll, String name, float marks.

input() to take input of the details

display() to all details of a student.

Write a program to which will store details of a student and print the details using the above class.

PROGRAM:

```
import java.util.Scanner;

class Student{

public static void main(String[] args){

    int a;

    String name;

    String ch;

    int b;

    Scanner sc = new Scanner(System.in);

    System.out.print("Enter the roll no. : ");

    a=sc.nextInt();

    System.out.println("Roll no. is " +a);

    ch = sc.nextLine();

    System.out.print("Enter the Name : ");

    name = sc.nextLine();

    System.out.println("Name is: " +name);

    System.out.print("Enter the Marks. : ");

    b=sc.nextInt();

    System.out.println("Marks is " +b);

}}
```

