

# Day1 Assignment

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Q1. Difeerence between compiler and interpreter.

INTERPRETER :

- a. It takes a single line of code or instruction at a time.
- b. It does not produce any intermediate object class.
- c. PHP ,Python, etc. uses an interpreter

COMPILER:

- a. It takes an entire program at a time.
- b. It generate intermediate object code.
- c. C , C++ , C# transcripts uses compiler.

Q2. 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

```
import java.util.Scanner;
```

```
class Student{
```

```
    int rollno;
```

```
    String name;
```

```
    float marks;
```

```
    public void display(){
```

```
        System.out.println(" NAME: "+ name);
```

```
        System.out.println("RollNo : "+ rollno);
```

```
        System.out.println(" Marks : "+ marks);
```

```
    };
```

```
public void input(){  
    Scanner in = new Scanner(System.in);  
    System.out.println("enter the name : ");  
    name =in.nextLine();  
    System.out.println("enter the rollno : ");  
    rollno =in.nextInt();  
    System.out.println("enter the marks : ");  
    marks =in.nextInt();  
  
    }  
}
```

```
class test {  
  
    public static void main (String a[]){  
        Student ob1= new Student();  
        ob1.input();  
        ob1.display();  
    }  
}
```

```
C:\Users\Gunjan\Desktop\New folder\javaf1>javac stud.java
```

```
C:\Users\Gunjan\Desktop\New folder\javaf1>java test
```

```
enter the name :
```

```
gunjan
```

```
enter the rollno :
```

```
20
```

```
enter the marks :
```

```
89
```

```
NAME: gunjan
```

```
RollNo : 20
```

```
Marks : 89.0
```