

Assignment:-

1) Difference between:-

Interpreter	Compiler
<ul style="list-style-type: none"> • An Interpreter takes a single line of code at a time 	<ul style="list-style-type: none"> • A compiler takes the entire program in one go.
<ul style="list-style-type: none"> • An interpreter is best suited for a software development environment. 	<ul style="list-style-type: none"> • The compiler is best suited for the production environment.
<ul style="list-style-type: none"> • An interpreter is used by programming languages such as Python, PHP, Perl, Ruby, etc. 	<ul style="list-style-type: none"> • The compiler is used by programming languages such as C, C++, C#, Scala, Java etc.

2) Define a class student with following member:

class student

{

int roll;

string name;

float marks;

```
void insert (roll r, string s, float s) (roll r, name n, Marks M)
{
```

```
    roll = r;
```

```
    name = n;
```

```
    Marks = M;
```

```
}
```

```
void display()
```

```
{
```

```
    Scanner in = new Scanner(System.in);
```

Take Input

```
    System.out.println(roll + " " + name + " " + Marks);
```

```
}
```

```
public class Test Student
```

```
{
```

```
    public static void main (String [] args)
```

```
{
```

```
        Student e1 = new Student();
```

```
        Student e2 = new Student();
```

```
        Student e3 = new Student();
```

```
        e1.display();
```

```
        e2.display();
```

```
        e3.display();
```

```
}
```

output :-

```
1001 Siva 11.1
```

```
1002 kumar 15.1
```

```
1003 Raviyani 20.1
```