## 1.Difference between Interpretor and compiler.

| INTERPRETER | COMPILER |
|---|---|
| Interpreter translates just one statement of the program at a time into machine code. | Compiler scans the entire program and translates the whole of it into machine code at once. |
| An interpreter does not generate an intermediary code. Hence, an interpreter is highly efficient in terms of its memory. | A compiler always generates an intermediary object code. It will need further linking. Hence more memory is needed. |
| Interpreters are used by programming languages like Ruby and Python for example. | Compliers are used by programming languages like C and C++ for example. |

## 2.Java program for define class for student.

```
package Assignment;

import java.util.Scanner;

class Student
{
	int Roll;
	String Name;
	float Marks;

	public void Input()
	{
		Scanner in=new Scanner(System.in);
		System.out.print("Enter the roll number : ");
		Roll=in.nextInt();
		System.out.print("Enter the name : ");
		Name=in.next();
		System.out.print("Enter the marks : ");
		Marks=in.nextFloat();
	}

	public void Display()
	{
		System.out.println("Student Roll number : "+Roll);
		System.out.println("Student Name : "+Name);
		System.out.println("Marks : "+Marks);
	}

}

public class Day1Assignment
{
	public static void main(String[] args)
	{
		Student obj=new Student();
		obj.Input();
		obj.Display();
	}
```

```
}
```