

## Assignment Day 1

### 1. Difference between compiler and Interpreter

Compiler transforms code written in a high-level programming language into the machine code, at once, before program runs, whereas an Interpreter covert each high-level program statement, one by one, into the machine code, during program run. Compiled code runs faster while interpreted code runs slower.

### 2. Define a class student

```
class Student{
    int roll;
    String name;
}
class Student2{
    public static void main(String args[]){
        Student s1=new Student();
        s1.roll=9;
        s1.name="Ramani";
        System.out.println(s1.roll+" "+s1.name);
    }
}
```

#### OUTPUT:

```
java -cp /tmp/FQPkUnCtiH Student2
9 Ramani
```