

## Class and Objects

### 1.Class

```
class Student
{
    float id;
    String name;
    public static void main(String args[])
    {
        Student s1=new Student();
        System.out.println(s1.id);
        System.out.println(s1.name);
    }
}
```

Output:

```
C:\Windows\System32\cmd.e  ×  +  ∨  
Microsoft Windows [Version 10.0.22621.2428]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>javac Student.java  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>java Student  
0.0  
null  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>|
```

## 2.Object

```
class Student{
```

```
    int id;
```

```
    String name;
```

```
}
```

```
class Student2{
```

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

```
        Student s1=new Student();
```

```
        Student s2=new Student();
```

```
        s1.id=101;
```

```
        s1.name="Ali";
```

```
        s2.id=102;
```

```
        s2.name="Amit";
```

```
System.out.println(s1.id+" "+s1.name);  
System.out.println(s2.id+" "+s2.name);  
}  
}
```

Output:

```
C:\Windows\System32\cmd.e  ×  +  ∨  
Microsoft Windows [Version 10.0.22621.2428]  
(c) Microsoft Corporation. All rights reserved.  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>javac Student2.java  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>java Student2  
101 Ali  
102 Amit  
  
C:\Users\gauta\OneDrive\Desktop\Temp\Ai-04>|
```