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1)

| compiler | Interpreter |
|---|---|
| * Takes entire program as input. | * Takes single instruction as input. |
| * Requires More Memory. | * Requires Less Memory. |
| * Errors are displayed after entire program is checked. | * Errors are displayed for every instructions |
| * Eg :- C complier. | * Eg :- Java, Basic. |

2)

```java
public class student
{
    private string name;
    private int roll;
    private float marks;

    public void input() {
        System.out.print(" Enter the name of
                          student: ");
        Name = in.nextline();
        System.out.print(" Enter the roll number of
                          student:) ;


        roll = in.nextint();

    }



    public void display() {
        .system.out.print ln (" Name:" + names);
        system. out print ln (" Roll number:" + roll);

    }
```

```
public static void main (String args [ ]) {
        obj . input ()
        obj . display ()

    }

}.
```