

Static Variable

→ If a variable is static, then it will be loaded into the RAM memory when the program is run.

→ We can access the static variables directly from the main function.

Non-Static Variable

→ If a variable is not static, it will not be loaded into the RAM memory, when the program is run.

→ In order to access the non-static variables we have to create an object in main function.

Eg)

```
Package com.masai;
```

```
class Student {
```

```
    String name = "Rahul";
```

```
    static int number = 16;
```

```
    public static void main() {
```

```
        System.out.println(name);
```

```
        System.out.println(number);
```

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→ we get error as name is not defined

→ number will be printed

In order to print name to

```
Student a1 = new Student();
```

```
System.out.println(a1.name);
```