

## 1) Difference Between

Rakib → 116

i)  $(a == b)$

and.

ii)  $a.equals(b)$

Suppose  $a$  and  $b$  are String variables:

$(a == b)$

- This compares references.

- It checks whether  $a$  and  $b$  point to the exact same object in memory.

Example:-

```
String s1 = "Hello";
```

```
String s2 = "Hello";
```

- System.out.println( $s1 == s2$ );

But:

```
String s3 = new String("Hello");
```

- System.out.println( $s1 == s3$ );