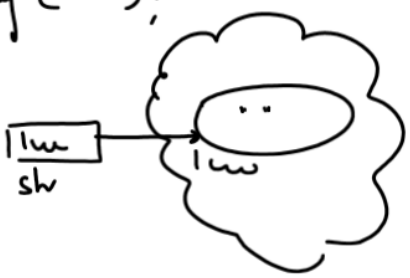
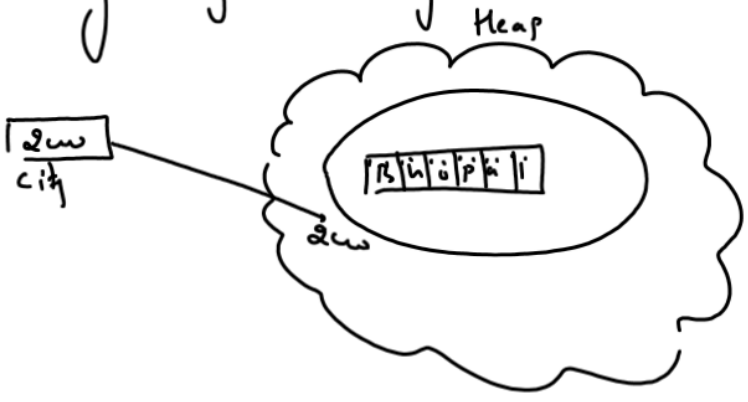
① public String ( )

```
String sh = new Sty ( );
sop ( sh.length() );
        -> 0
```



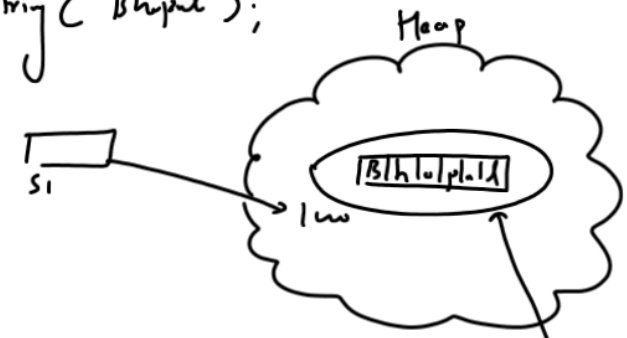
② public String (String)

```
String city = new Sty ("Bhopal");
```

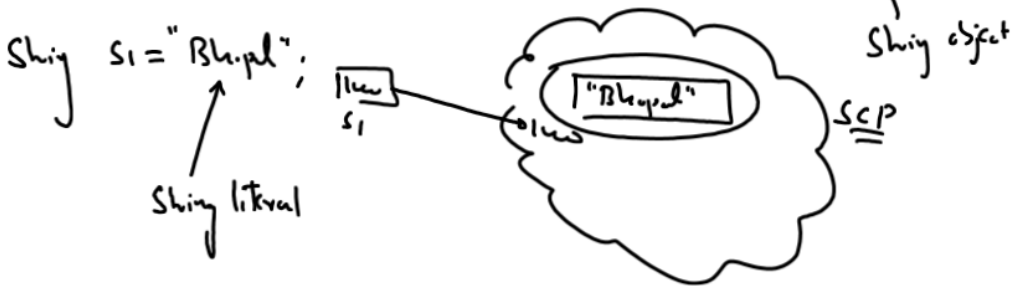


Two Ways Of Creating Strings In Java

String s1 = new String("Bhopal");



String s1 = "Bhopal";

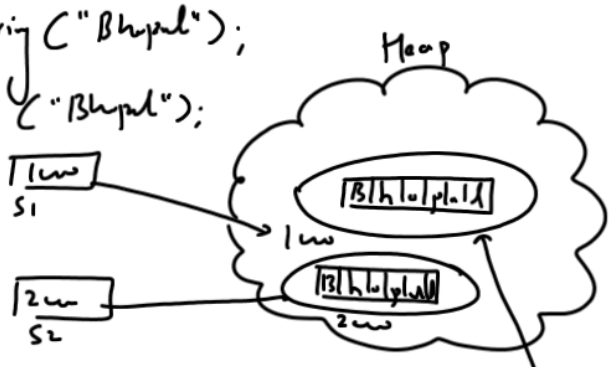


String s1 = new String("Bhopal");

String s2 = new String("Bhopal");

SOP(s1 == s2);

↳ false



String s1 = "Bhopal";

String s2 = "Bhopal";

SOP(s1 == s2)

↳ true

③ public String(char[])

```
char [] name = {'s','a','c','h','i','n'};
X String sh = name;
String sh = new String(name);
SOP(sh); -> sachin
```

④ public String(char[], int, int)

```
char [] name = {'s','a','c','h','i','n'};
String sh = new String(name, 0, 3);
SOP(sh); sac
```

Methods Of "String" class

① public char charAt(int)

```
String city = "Bhopal";
char ch = city[0]; X
char ch = city.charAt(0);
SOP(ch); B
```

② public int length()

```
String city = "Bhopal";
int x = city.length();
SOP(x); 6
```

③ public boolean equals (Object)

```
String s1 = new Sty ("Let us continue ");
String s1 = new Sty ("Let us continue");
SOP ( s1.equals(s2)); → true
```

④ public boolean equalsIgnoreCase (Sty)

```
String s1 = new Sty ("Hello");
String s2 = new Sty ("hello");
SOP ( s1.equalsIgnoreCase(s2)); → true
```

⑤ public String substring (int , int)
start index, end index

```
String s1 = "INDUSTRY";
SOP ( s1.substy (2, 6)); DUST
```

⑥ public String substy (int)

```
String s1 = "INDUSTRY";
SOP ( s1.substy (2)); DUSTRY
```

⑦ public int indexOf (Sty)

```
Sty s1 = "Sunday";
SOP ( s1.indexOf("day")); 3

Sty s1 = "Sunday";
SOP ( s1.indexOf("night")); -1
```

⑧ public int lastIndexOf (Stvig)

```
Stvig s1 = "SundayMonday";
SOP ( s1.lastIndexOf("day")); 9
```