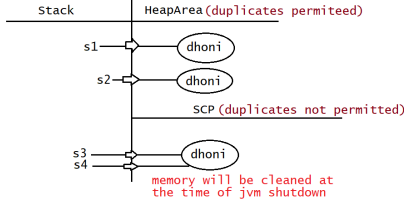


```
String s1=new String("dhoni");
String s2=new String("dhoni");

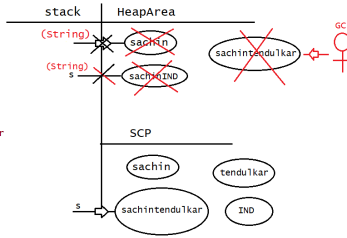
System.out.println(s1==s2); //false

String s3="dhoni";
String s4="dhoni";

System.out.println(s3==s4); //true
```



```
String s = new String("sachin");
s.concat("tendulkar");
s=s.concat("IND");
s="sachintendulkar";
System.out.println(s); //sachintendulkar
```



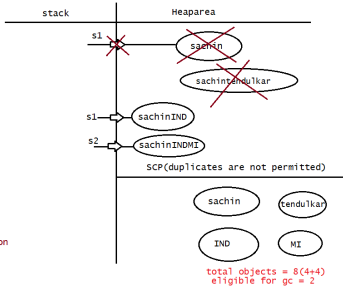
```
String s1= new String("sachin");
s1.concat("tendulkar");
s1+="IND"; s1 = s1 + "IND";
String s2=s1.concat("MI");
```

```
System.out.println(s1); //sachinIND
System.out.println(s2); //sachinINDMI
```

String + "IND"

addition  
both operands are number type

addition  
if one operand is string then concatenation



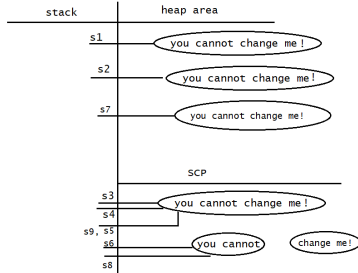
```
String s1=new String("you cannot change me!");
String s2=new String("you cannot change me!");
System.out.println(s1==s2); //false

String s3="you cannot change me!";
System.out.println(s1==s3); //false
String s4="you cannot change me!";
System.out.println(s3==s4); //true
```

```
String s5="you cannot " + "change me!"; //you cannot change me!
System.out.println(s3==s5); //true

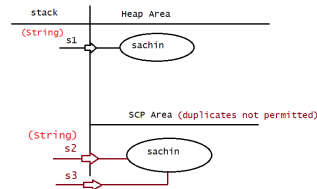
String s6="you cannot ";
String s7=s6+"change me!";
System.out.println(s3==s7); //false
```

```
final String s8="you cannot ";
String s9=s8+"change me!"; //you cannot change me!
System.out.println(s3==s9); //true
System.out.println(s6==s8); //true
```



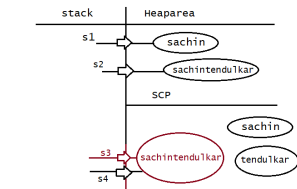
```
String s1 = new String("sachin");
String s2 =s1.intern();
System.out.println(s1==s2); //false
```

```
String s3 = "sachin";
System.out.println(s2==s3); //true
```



```
String s1 = new String("sachin");
String s2 = s1.concat("tendulkar");
String s3 = s2.intern();
```

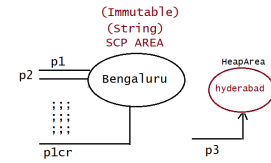
```
String s4 = "sachintendulkar";
System.out.println(s3==s4); //true
```



## Need of SCP

### Adhar Card Application

|                                       |                      |
|---------------------------------------|----------------------|
| NAME                                  | <input type="text"/> |
| FATHERNAME                            | <input type="text"/> |
| DOB                                   | <input type="text"/> |
| CITY                                  | <input type="text"/> |
| PHOTO                                 | <input type="text"/> |
| <input type="button" value="submit"/> |                      |



```
String s =new String("sachin");
System.out.println(s[3]); //CE
```

```
System.out.println(s.charAt(3)); //h
```

```
System.out.println(s.charAt(-1)); //StringIndexOutOfBoundsException
```

```
System.out.println(s.charAt(500)); //StringIndexOutOfBoundsException
```

