

23/09/2017

→ RUN-TIME CLASS

To represent Java's Run-Time instance object of Run-Time class is created.

[created by SVM.]

It works as a mediator b/w JVM and our java program

To fetch information from JVM at the Run-Time of a Program, we use Run-Time Class

class Temp() STATIC METHOD
 OBJECT MADE BY JVM

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

```

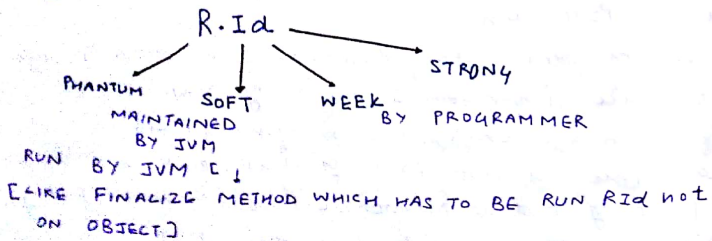
} Runtime rt = Runtime.getRuntime();

```

SoP (nt. total memory()).

so p(&t, free memory()).

3 MEMORY FREE IN HEAP



```
class Demo
```

2. mit $x = 10$;

$$\ln t \gamma = 20;$$

```
Temp t = new Temp();
```

$$PSVM()$$

```
Demo d = new Demo();
```

EXPLANATION

EXTENSION

X, Y should has a relationship - ASSOCIATION.
[One object has another object]
When we create object of demo class, it goes into heap [object] Data Member gets memory.
X, Y and t [Reference Variable 4 byte]. Then object of class Temp gets memory in heap is Z'. Then Demo class object gets created and it is having all reference of variables in heap].
Strong Reference gets direct address and Weak References gets in-direct address

There are 4 types of references to objects

1. Direct References like we normally use, as in integers (= new integer (13)) are called strong References and have no special class. The remaining three are soft references, weak References (w.r) and Phantom References (P.r)