

## \* Garbage Collection

- Garbage collection in Java is the process by which Java programs perform automatic memory management.
- In other words, It is a way to destroy the unused objects.

### Advantages

- (i) Make Java Memory Efficient.
- (ii) Automatically done.

### How to work Garbage collection ?

The Garbage Collector of JVM collects only those objects that are created by new keyword.

So if you have created any object without new, you can use finalize method to perform cleanup processing.

### Example

```
class GarbageEx  
{
```

```
public void finalize()  
{  
    System.out.println("Garbage Collection");  
}
```

```
public static void main (String args [])  
{  
    GarbageEx g1 = new GarbageEx ();  
    GarbageEx g2 = new GarbageEx ();  
    g1 = null;  
    g2 = null;  
    System.gc();  
}
```

Output

Garbage Collection  
Garbage Collection