Garbage Collector:

- Grastage collecter is dectorys the objects.
- main objective of harbage collectors is to free the heap memory by destroying the verreachable objects 9

* unocachable objects ?

An object is said to be unscachable iff it doeg't contain any reference to it. The unrealbable obserts are eligible for garbage Collection.

Four ways to make Object to be eligible for GC

- 1) Nullifying he refelence valuable => set val=null;
 - 1 Re-Assigning the reference variable =) [8] =82;
 - (3) object colated inside method: Out of supe thenge.
- (9) Island of Isolation.
- it may not destroy immorediately by gasbage Collector whenever Jum owns Gallage Collector program, men only obsert will be dectroyed. But, When Jum rung Gasbage Collector we can way except.

(wo ways to sure Gallage Collection O using System-gc(); with sustematization(); D Rintime - getRuntime (5.3(())

Refore destroying an object hallage collectors calls finalized method on the object to 1940mm cleanup advitice. once finalize () method compretes Gallage wheter degroys med object.

Syntax.

Protested void finalize () Knows Throwable.

Jum -> gc -> finalize();

- · first 2 method called by Galbage Collector not Jum
- finalize method implementation is empty in obsect clays
- · finalize method never invoted more than once for any given obsert
- · it an uncaught exception thrown by finalize() method the exception is Ignored and finalization I that object teloninate.

Is land of Isolation

· Objects reflérences object 2 and object 2 références obsert and weither object 1 mor object 2 is reforenced by any other objects that's an island & isolation.

made null than they ale · If Rom Objects are eligino for gasbage collection.

> protect of these to obil = objez = refelled by only 06)2=06)1;

make them NUCC

GC -> Eligible

interest of secretary when the second

the property of weters of

Description by the book of