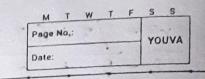
all the all Addition of the Colors doades -> - 20 pds alos files into memory. It is sesponsiable for finding & logding aloss files from file 345tem, network & other Sources & then converting them into binary form



In Garbage collection process, collector scaps different partl of hear, looking for objects that are no longer in use. It an object to danger has references to it from alsow specio application, the collector senowel object, treeing up me mory in the heap. This process continues till all unuled objects are Successfully realgined.

To ensure goodbage collector work efficiently, JVM sporates heapino parts & then collected use mosk-and-surep adjoxithm to travelle there parts & capar out unused objects.

How it works.

- These ase two phoses: Mark Ethen Supep - when object is obtated in heapy it has month

bit that is set to o (falle).

- During mark phase collector traverse object

trees starting at their roots. - when object soot is seachable, mark bit set

to 1 Ctouls.

- mark bit tos constactophe objects is changed.

- During sweep, condector togresse heap, & tree

memory from all items with mark bit o