les anothers at what do you mean by multithreading why is informed > multithereading means multiple thereads and is considered one of the most important deatures of java. it is ability of CPU to execute multiple threads independently at same time but same process resources senultaneously. The main purpose is to provide simultaneous execution of multiple threads to utilize (pu time as much as possible. It is a feature of jova where one can subsivide the specific program into two or more threadsto make the execution of program fast and easy. 32 what one the benefits of using multithereading? -> The vorious benefits of multithreading wie: (1) It allows the priogram to run continuously even if a part of it is blocked (2) To improves the performance as comparred to tradition provalled programs that use multiple process (3) It allows to wrate effective programs that while maximum cpu thing and the saves time and possiblish task



what & thread in javal > A thoread & a Neary light-weighted process on we can by the smallest part of percess that allows a program to approde more efficiently by swining hulliple take simultaneously and repeated flow of execution is called theread of there is only one flow then it is called single thereaded (3.4) ishat are the two ways of & plenenting thread in faval.

(1) By extending thread class
(2) By implementing runnable interface.

3.5 what is the defference between thread and process?.

Thread semply refer to analest unit of provinced process

The has the ability to execute different parts of program at same time.

Perocesa simply referre to a program that & in execution. A process can be handled using PCB (process control block). Obb How Can we create doesnon throughly

> The thoread which is executing in background is called doesnon thorad. The main objective of daemon thread is to provide the support for main thread, we can create daemon thoread using stheread class set daemon. It is used to mark Consient thread as daemon thread or user thread isdaemon; method & used to their whether the thread is doesnot or not. If the thread & darmon & will gretwring true otherwise

what are the walt and skep methods

0.7

It netonne Jake.

> white method is a non-static method that causes the crops thread to wait and go to sleep untill other threads Call notify) or notifyall U method for object's monitoria simply releases lock and is mostly for intertheread communication. It is defined in object class and should only be called from synchronized lower Sleep() method is a static method that stops the curorent thread execution of program for some specified period It does not release lock while waiting and is morely used to Enterduce pause on execution. It is defined In thread class and no need to call from symbolized