Java Thread Thread -> a process in execution. Allows perogram to operate more effectively by performing multiple things at a time. (2) Complicated tasks can be performed on background without interrupting the main program. Ly Each process can be scheduled and priorittized. - Tob scheduly Ex: Task 1 P1 P2 P3 P43 Scholuli 7.

P1\_schedule (100s)

P2-Steert ()

P3\_Schidule (200s)

Fine.

P4-Schidule (300s). Talk 2 [P1 |P2 | P4] more on os P4 P1 P2 P2, prioritizing.

Moread Life Cycle Class: Thoread

Thore Ready to Runnable)
quir. f. 911 t.waitl1 J. C. guin () t. Sleep() walling) process Running v L. Stop. Blocked after Som terment 870 Puterval. >> ren() is over ridden 9n each pres gram. m x m m Orce try Tivreed Juterfere. qu'heri tance extends class implements Runnalole Interface

Extends Thread

public class ST extends Thousall ? public void run () 2 Simple Thrusdy; P.S. V. mais (String[] augs) 2 ST myTwread = new ST(); my Thread. Start (); 5.0. pln (" Thread executed");
3. Implementing runnable enterface. Public class ST Implements Remable 2 public vold reun () [

S. O. plm ("runnable tured").

3
P. S. V. main (String ergs7) [

ST obj = new ST(); Thread my Thread = new Thread (cbi). rujThreead. Start (); S.o. plm (" Turcal crecuted");

- @ Ib a class extends Thread class, the thread can be sun by creating our instance l'of the class and call 945 sun() nutrod.
- (b) Et a class emplements the Runnable enterface, the thread can be run by pælsing on Pustame B tre class to a Thread objects constructor and then calling the threads start() method.