	PRACTICAL : 15 PAGE No:	
	Aim: (1980)	duc
	Aim: Create, debug and run Java program based on threat by implementing runnalle	
	on threeds by implementing runnable	
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	What an Tava Threads?	+
	The Oracle of the Control of the Con	+
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1 C	Facility to allow multiple in the	-11
47.9	Thumple activities within a	
200	DAOCAL	
of to	· Referred es light weight process.	
A N	· A thread is a series of executed statemen.	4
100	Each thread how it's own program counter,	_
4	Stack and local Veniables.	
	A thread is a nested sequence of methods	<u>/</u> -
	Calls.	_
	It share memony, fites and per-proces	1
- 11	arterine Stat enoution boonet bastile of	-
- 11	through a stratant to so beautiful	ᆉ
111	Every Java program Creates	
- 3	at least one the sead [main () theread]	
10	Additional thread and Treated through	
14	the Thread Constructual Out by instantled	ing
-	classes that extend the Thread class.	_
\downarrow		
\downarrow	Threed implementation in Java can be	
$\downarrow \downarrow$	achieved in two ways!	

Runnable intenface

Java sunnable is an interface used to extruse code on a concurrent threat It is an interface which is implemented by any class if we want that that the instances of that class should sho be executed by a threach.

Public void: - This method takes inno sun! a requirent. when the object of a class. implementing Runnable class is used to Create a thread, then the

The run thoread which executes Sep. anestely.

A class that implements Runnable sun on a different thread without Subclassing,
Thread ay it in an the tenget. This and passed it self in an the tenget. This become important as classes should not be modifying on enhaging the fundamental behaviors of the class.

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CAN THE	Runnable class is extensively used in	
	sent a separate flow of control. Also	-
	in multi-thereded Page yoursing Rynnih	-
	in multi-threded programming, Runnerble closs is used. This interface is present	_
	in Java. lang. package.	1001
	as of a formation of a start of	
	Conclusion: Hence, we successfully coneate,	-1:3/
-	debuy and run Java program	
010 1	based on threads by amplementing	70
	sunnable intentace.	<i>T</i>
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-	and the property of the contract	* ·
	10 Liverio To Abara	

	Tuogram:
	Class Child Thread implements Runnable &
1	Theread t)
	Child Thread (String S) {
	t = new Thread (this.s);
	System. Out. printler (* Constructor existing:- ");
	System. out. printle (Constructor existing:
	} "
	public void dun ()}
	Skring Child = 1-get Name ();
	System. out. pounter (6" Thread name: "+ child);
	int i=1
	if (child equals ("add"))
	i=1;
	else if (Child. equals (6 Fren "))
-	1=0;
	else seturn;
	tr. S
	Police and pointly (66 (1)) It and is is to 14d + 60 29
	System-out println (6 Child thread: " + child + "-"
1,	(-(1+ mark) i
	d. sleep (svo);
	2
	Cotch (Exception e) 23
	Cotch (Exception e) 23 System.out. pounth (Child + " Thread is exiting -");
	70
	2)
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	Seepped with ComSeepper

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Public Class Assignments of Public Static void main (Suling arg. (1) of Stating name - Twicad Current Thread (1) (Wild Thread odd = haw Child Thread ("odd"); (Wild Thread our - new (Wild Thread (*curr");)		
String— name = Thread. Current Thread (). String— name = Thread. Current Thread (). (Wild Thread odd = naw (hild Thread ("odd"); (hild Thread cuen = naw (hild Thread ("even");) (authorized odd) (authorized odd)		
String— name = Thread. Current Thread (). String— name = Thread. Current Thread (). (Wild Thread odd = naw (hild Thread ("odd"); (hild Thread cuen = naw (hild Thread ("even");) (authorized odd) (authorized odd)	AA+1 51	public class Assignment & &
(Wild Thread odd = new (hild Thread ("odd"); (Wild Thread in even = new (hild Thread ("even");) (wild Thread in even = new (hild Thread ("even");) (authorities and in even in		Public static void main (Sung args [])
(Wild Thread odd = New (Wild Thread ("Odd")); (Wild Thread of even - New (Wild Thread ("even")); (Wild Thread of even - New (Wild Thread ("even")); (Solver of even		String name - Thread. Current Thread ()-
And third Thread air even in the Moran through the state of the state		13m silve) palerment get Name ();
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```
C:\Users\Public\Java>javac practical15.java
C:\Users\Public\Java>java practical15
Thread[main,5,main]
Thread : main 5
Thread Name :One
Child Thread :One->5
Child Thread :One->4
Thread : main 4
Child Thread :One->3
Child Thread :One->2
Thread : main 3
Child Thread :One->1
Child thread Exiting ...
Thread : main 2
```