

A.S.D.GOV'T. DEGREE COLLEGE FOR WOMEN (A)

(Re-Accredited with 'B' Grade by NAAC)

(Affiliated to Adikavi Nannaya University)

Jagannaickpur, Kakinada.

DEPARTMENT OF COMPUTER SCIENCE



స్త్రీవిద్యాప్రవర్ధతాం

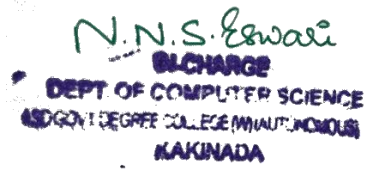

DEPARTMENTAL SEMINAR

2020-2021

A.S.D. GOVT. DEGREE COLLEGE FOR WOMEN (A)
Jagannaickpur, Kakinada

DEPARTMENT OF COMPUTER SCIENCE

Activity Register 2020-2021

Date	19-02-2021
Conducted through (DRC/JKC/ELF/NCC/NSS/ Departments etc.)	Department of Computer Science
Nature of Activity (Seminar/Workshop/Extn. Lecture etc.,)	Departmental Seminar
Title of the Activity	Programming Skills
Name of the Department/Committee	COMPUTER SCIENCE
No. of students participated	08
Brief Report on the activity	To enhance their skills in Programming Concepts
Name of the Lecturers who Planned & conducted the activity	N. Naga Subrahmanyeswari G.Satya Suneetha
Signature of the Dept. In-Charge /Convener of the Committee	
Signature of the Principal	
Remarks	

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JAGANNAICKPUR, KAKINADA.



DEPARTMENT OF COMPUTER SCIENCE

DEPARTMENTAL SEMINAR

2020-2021

The Department of Computer Science had organized a Departmental Seminar for II B.Sc(M.P.Cs) and II B.com(C.A) students. The following students had participated in the seminar on 19-02-2021 at 11:00 A.M. in RB-4.

S.No	Name of the Students	Group	Topic	Signature
1	K.Vimala Devi	II B.Sc(M.P.Cs)	Inheritance & Interfaces	K.Vimala Devi
2	M.Divya Roopa	II B.Sc(M.P.Cs)	OOPs	M.Divya Roopa
3	B.Bhargavi	II B.Sc(M.P.Cs)	Thread Life Cycle	B.Bhargavi
4	V.Om RajyaLakshmi	II B.Sc(M.P.Cs)	Features of Java	V.Om RajyaLakshmi
5	A.Pratyusha	II B.Sc(M.P.Cs)	Exception Handling	A.Pratyusha
6	M.Paribhanu	II B.com(CA)	Features of MS-Excel	M.Paribhanu
7	P.Mounika	II B.com(CA)	Data types in MS-Access	P.Devi Mounika
8	P.Sri Mounika	II B.com(CA)	MS-Excel Window	P.Sri Mounika

Signature of the Lecturers

1. N.N.S. Eswari 19/2/2021

2. Sunetha 19/2/2021

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DEPARTMENT OF COMPUTER SCIENCE
Departmental Seminar
19-02-2021

The students who attended the Departmental Seminar:

S.No	Regd. No.	Name of the Students	Class	Signature
1.	1932001	B. Bhangavi	I Bsc (mpcs)	B. Bhangavi
2.	1932002	K. Vimala Devi	II BSC (MPCS)	K. Vimala
3.	1932003	K. Naga Parasanna	II Bsc (MPCS)	K. Naga Parasanna
4.	1932004	MD. Reshma Begum	II Bsc (MPCS)	MD. Reshma Begum
5.	1932005	M. Divya Roopa	II Bsc (MPCS)	M. Divya Roopa
6.	1932006	M. Vara Lakshmi	II BSC (MPCS)	M. Varalakshmi
7.	1932007	R. Sabya Veni	II Bsc (mpcs)	R. Sabya Veni
8.	1932008	A. Pratyusha	II Bsc (MPCS)	A. Pratyusha
9.	1932009	A. sireesha	II Bsc (MPCS)	A. sireesha
10.	1932010	A. Gayatri	II Bsc (mpcs)	A. Gayatri
11.	1932011	B. Komali manikanta	II Bsc [mpcs]	B. K. manikanta
12.	1932012	Ch. Runya Ranu	II Bsc (mpcs)	Ch. R. Ranu
13.	1932013	D. Maanika	II B.Sc (mpcs)	D. maanika
14.	1932014	G. Praneeetha	II B.Sc (MPCS)	G. Praneeetha
15.	1932015	G. surekha.	II Bsc [MPCS]	G. surekha.
16.	1932016	G. Lakshmi Deepika	II Bsc (mpcs)	G. L. Deepika
17.	1932017	J. J. Mahalakshmi	II Bsc [MPCS]	J. Mahalakshmi
18.	1932018	K. Sravani Mahalaxmi	II B.Sc (MPCS)	K. Sravani
19.	1932019	K. Bhavani	II B.Sc (mpcs)	K. Bhavani
20.	1932020	K. Divya Darshini	II Bsc (MPCS)	K. Divya

S.No	Regd. No.	Name of the Students	Class	Signature
21.	1932021	K. Veena Pawan	II BSC-MPCS	K. Veena Pawan
22.	1932022	K. Baladeepika	II BSC [MPCS]	K. Baladeepika
23.	1932023	K. Ramya	II-BSC-MPCS	K. Ramya
24.	1932024	O. Kaushi	II-BSC-MPCS	O. Kaushi
25.	1932025	O. Lavanya	II-BSC-MPCS	O. Lavanya
26.	1932026	P. Navya	II BSC-MPCS	P. Navya
27.	1932027	P. Tejaswini	II BSC-MPCS	P. Tejaswini
28.	1932028	S. Divya	II BSC-MPCS	S. Divya
29.	1932029	S. Niharika	II BSC-MPCS	S. Niharika
30.	1932030	T. Sireesha	II BSC-MPCS	T. Sireesha
31.	1923001	S. Sujana Jali	II B.COM-CA	S. Sujana
32.	1923002	R. Ramya	II B.COM-CA	R. Ramya
33.	1923003	K. Padmalala	II B.COM-CA	K. Padmalala
34.	1923004	B. Durga Bhavani	II B.COM-CA	B. Durga Bhavani
35.	1923005	G. Anantha Lakshmi	II B.COM-CA	G. Anantha Lakshmi
36.	1923006	G. Aparna	II B.COM-CA	G. Aparna
37.	1923007	Malleeswari	II B.COM-CA	Malleeswari
38.	1923008	K. Bharathi	II B.COM-CA	K. Bharathi
39.	1923009	M. Laya Mupisha	II B.COM-CA	M. Laya
40.	1923010	P. Sri Mounika	II B.COM-CA	P. Sri Mounika
41.	1923011	P. Devi Mounika	II B.COM-CA	P. D. Mounika
42.	1923012	B. Nookaratnam	II B.COM-CA	B. Nookaratnam
43.	1923013	B. Sumathi	II B.COM-CA	B. Sumathi
44.	1923014	B. Jashna Durga	II B.COM-CA	B. Jashna
45.	1923015	Ch. Lakshmi Sanyanya	II B.COM-CA	Ch. L. Sanyanya
46.	1923016	D. Supitha Devi	II B.COM-CA	D. Supitha
47.	1923017	J. Sasi Lekha	II B.COM-CA	J. Sasi Lekha
48.	1923018	J. Alasmada	II B.COM-CA	J. Alasmada
49.	1923019	N. Ramatulasi	II B.COM-CA	N. R. Tulasi
50.	1923020	K. Tanuja	II B.COM-CA	K. Tanuja

Sanitha
19/2/2021

N.N.S. Esau
19/2/2021

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DEPARTMENTAL SEMINAR

on

INHERITANCE & INTERFACES

Submitted By

B.BHARGAVI

II B.SC (M.P.CS.)

**ASD GOVERNMENT DEGREE
COLLEGE(A) WOMEN,
KAKINDA
DEPARTMENT OF COMPUTER SCIENCE**

NAME:B.BARGAVI

GROUP:BSC(MPCS)

CLASS : II BSC

REGISTER NO:1932001

ROLL NO:192051

SUBJECT:OBJECT ORIENTED PROGRAMMING

The background features a light gray gradient with several realistic water droplets of various sizes scattered in the corners. A faint, circular ripple pattern is visible in the upper center of the page.


THREAD LIFE CYCLE IN JAVA



First to understand the thread and process, then we can discuss the thread life cycle in java

PROCESS:-

An executing instance of a program is called a process. processor have their own address space (memory space). A process can contain multiple threads.



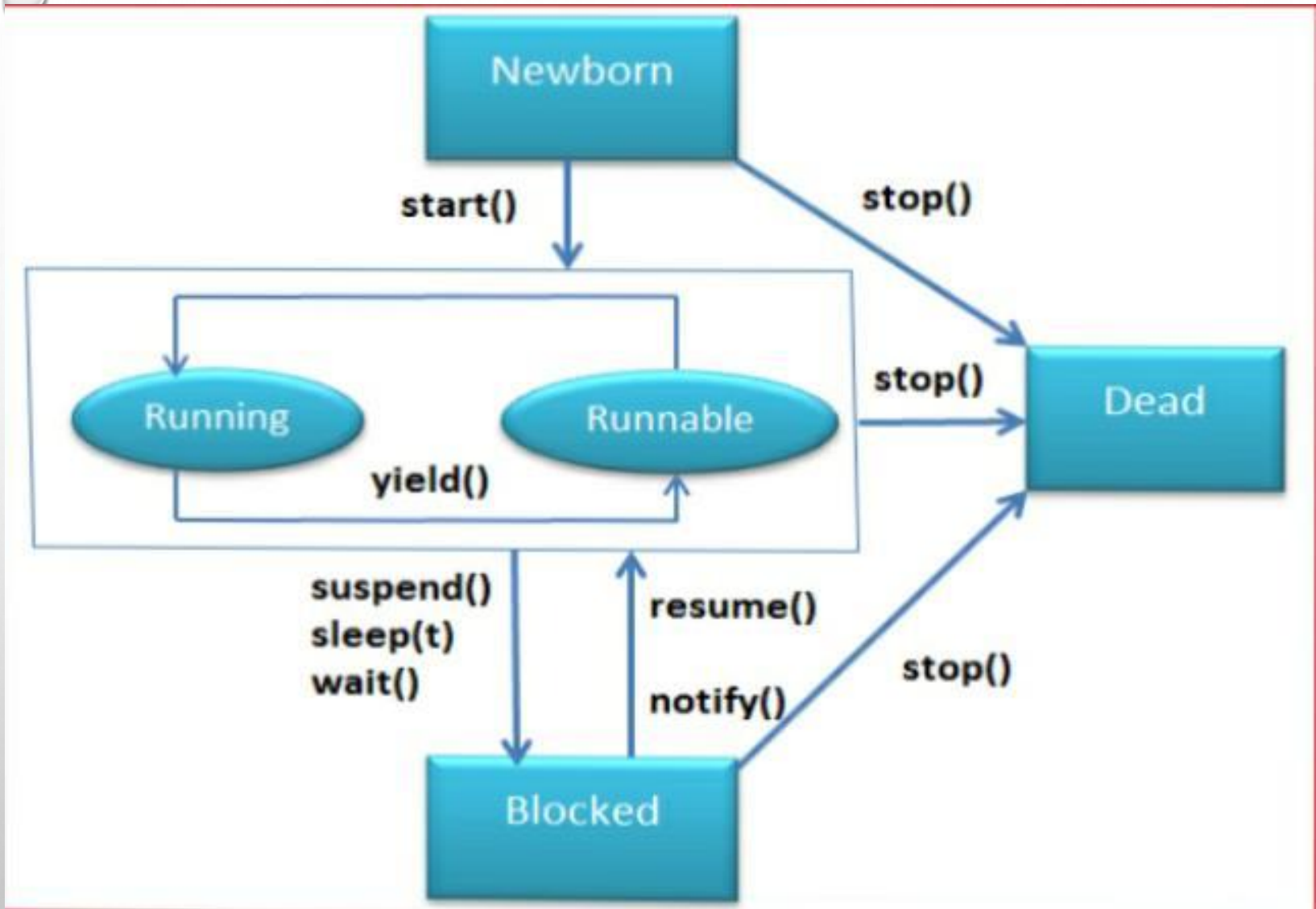
THREAD:

- Threads allows a program to operate more efficiently by doing multiple things at the same time. Threads can be used to perform complicated tasks in the background without interrupting the main program.
- Threads are sometimes referred to as lightweight processes. Like process threads are independent concurrent parts of execution through program and each thread has it's own stack and local variables

Thread life cycle in java:-

A thread goes through various stages in its life cycle. There are five stages like cycle. the life cycle of the thread in java is controlled by JVM

1. New born state
2. Runnable state
3. Running State
4. Blocked state
5. Dead state



Life cycle of a thread

NEW BORN :-

- The thread enters the newborn state as soon as it is created. The thread is created using the new operator.
- From the newborn state the thread can go to ready to run or dead state.
- If start() method is called then the thread goes to ready to run mode. If the start() method is called then the thread goes to dead state.

RUNNABLE -

- If the thread is ready for execution but waiting for the CPU the thread is said to be in ready to run mode.
- All the events that are waiting for the processor are queued up in the ready to run mode and are served in priority scheduling.
- From this state the thread can go to running state.If the processor available using the `scheduled()` method.
- From the running state the thread can again join the queue of runnable thread.

RUNNING:-

- If the thread is in execution then it is said to be in running state.
- The thread can finish it's work and end normally.
- The thread can also be forced to give up the control when one of the following conditions.

1. The thread can be suspended by `suspend()` method. A suspended thread can be received by using the `resume()` method.
2. A thread can be made to sleep for particular time by using the `sleep()` method.
3. A thread can be made to wait until a particular event occur using the `wait()` method which can be run again using the `notify()` method

BLOCKED:-

- A thread is said to be in blocked state if it prevented from entering into the runnable state and so the running state.
- A thread enters the blocked state when it is suspended,mode to sleep or wait.
- A blocked thread can enter into runnable state at any time and can resume execution.

Dead:-

- The running thread ends its life when it has completed executing the `run()` method which is called natural dead.
- The thread can also be killed at start by using the `stop()` method.

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Thank you