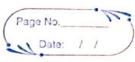
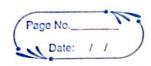


	Assignment 13							
A	Title:							
	Data structures using JAVA							
*	Problem Statements:							
	Write a Java program for implementation							
	of different dato structures using.							
	java collection libraries (STE) atleast							
	5 data strictures one used to							
	design a suitable application.							
*	Objectives:							
	i) To understand implementation of							
	different data structures using java.							
	2) To understand standard toolkit library.							
	7.7							
A *	Outcome:							
	I will be able to implement different							
	datastructures using standard toolkil							
	library of java.							
-								
*	Data Structures 4 operations performed							
	1. Linked list							
	-> Insert first							
	-> Insert last							
	-> Insert middle							
	-> Delete first							
	-7 Delete last							
	-> Delete middle							
	→ Display							



2.	Stack:
	-) Push
	-> Pop
	-> display top
	-> Check for empty stack
	- Display all elements
4	Parameter and the property of
3.	Queue (priority)
	-> Push (Insert)
	-> Delete
***	-> display all elements.
4.	Dequeu
	is mittingarily the receipt the
	-) Add first
1/2	-> Add last
	-> Display head
	-> display fail
	-> Remove first.
-	-> Remove last :
	-> Display all elements .
5.	
	tail leaders .
	-> Add element
	-> Remove element
*	-> display whole
-	-> display size.
	1 019191
	the state of the s



A	Test Cases,				
			The second secon		
	\$			n	
	Description	Ilp	0/9	Result	
- 1,	Stack	Insert	4	Yes	
ì		(2,4,6,2)	2		
		pop 2			
		timeo			
			2		
2.	Queue	Enqueue	▲	Yes	
		1,2,3,4,5			
		Dequeu			
		2 times			
	0 1	011/10		2 \/2	
3.	Array list	Remove (20,20) 10,	30 Yes	
		remove (20)		
•	Conclusion:				
	We have	Success	sfully s	tudied q	
	implement	ed data	Struck	tures using	
245	JAVA lib	rary col	lection		
				7.2	
					the same of the sa
	t				