FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
infordally softer word facility to the				
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic Yea		
Roll No: 1	Name of Student: Shrut	ti Dnyaneshwar Anabhav	rane	
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and				
applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	erstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		Academic Year: 2023-24	
Roll No: 2	Name of Student: Indra	nil Suresh Angolkar		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	standing (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2			
Roll No: 3	Name of Student: Om R	ajesh Awasare		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	stack use two ends of the structure, queue use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	erstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 4	Name of Student: Vaibh	nav bagave		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	standing (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 5	Name of Student: Ruchi	ta pravin Belosay	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Intr	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	al Understanding (Assessment based on Q and A through uiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA Course Name: Data Structures Lab with C and C++			
Course Code: MCAL11				
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 6	Name of Student: Prava	it Bera		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	cal Understanding (Assessment based on Q and A through quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 7	Name of Student: Hafsa	Muneer Bhatkar		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	al Understanding (Assessment based on Q and A through uiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA Course Name: Data Structures Lab with C and C++			
Course Code: MCAL11				
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 8	Name of Student: Athar	va Sandip Bhatye		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Heap Data Structure like Binary Heap, Fibonacci Heap
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understand online quiz)	standing (Assessment based on Q and A through		6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 9	Name of Student: Suchi	t		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	echnical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri		
Sufficiently such as were first as an	Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA)	
Roll No: 10	Name of Student: Bhave	esh Atmaram Chaugule	
Experiment No: 04		Quiz Score:	5
Name of Experiment: Inti	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Heap Data Structure like Binary Heap, Fibonacci Heap
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understand online quiz)	Fechnical Understanding (Assessment based on Q and A through online quiz)		6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri			
ইয়ানে বিশ্বাস অন্যান্ত জনসংক্রিকার ৩০ ১০	Department of MCA			
Course Code: MCAL11	Course Name: Data Stru	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 11	Name of Student: Prana	ay Sharad Chavan		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	echnical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagir			
Metaden salar www.himtata.ii	Department of MCA Course Name: Data Structures Lab with C and C++			
Course Code: MCAL11			I	
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 12	Name of Student: Sahil	sandip chavan		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	Queues requires dynamic memory but stack do not
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	echnical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 13	Name of Student: Nitar	nt Naresh Deulkar		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	derstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT Visits delay motive more families in in	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	e Code: MCAL11 Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA)		
Roll No: 14	Name of Student: Yuvar	raj Dattaram Dhanavade		
Experiment No: 04 Quiz S		Quiz Score:	6	
Name of Experiment: Inti	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	derstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 17	Name of Student: Tejal	Sakharam Ghadi		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	stack use two ends of the structure, queue use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	erstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT Western water	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 18	Name of Student: Vaish	navi Prabhakar Ghag	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Intr	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	erstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagir			
Service during southern secure desired, and, an	Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 19	Name of Student: Chan	dan Bhagwan Howale		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and				
applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				
	computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA		
Indicated and an approximation of the second states and an			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24	
Roll No: 20	Name of Student: Uzaif	Rafiq Isani	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Int	roduction to Queue		
Lab Objective applicable:	Understand linear data	structure Queue with	various operations and
applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various			
computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri			
Course Code: MCAL11	Department of MCA Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 21	Name of Student: Sumit	t Deepak Jakhal		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	Queues requires dynamic memory but stack do not
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA Course Name: Data Structures Lab with C and C++			
Course Code: MCAL11				
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 22	Name of Student: Neha	prakash jog		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Heap Data Structure like Binary Heap, Fibonacci Heap
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	of Assessment (DOA)	Signature of Teacher		

FAMT Interded what were found as in	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 23	Name of Student: Visha	l Atmaram Jogale	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Intr	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	rstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT Introdels unby	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2			
Roll No: 24	Name of Student: Tanm	ay shrikant jogalekar		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Heap Data Structure like Binary Heap, Fibonacci Heap
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understand online quiz)	ling (Assessment based on Q and A through		6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE)	Total Marks Obtained		10
Date o	of Assessment (DOA)	Signature of Teacher		

FAMT	Finolex Academy	HOPE Foundation's Of Management And	Technology, Ratnagiri
হৈছিল প্ৰকাশ অন্যান্ত্ৰণ ভালত ইকাল্য ৪০,০০	Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2		Academic Year: 2023-24
Roll No: 25	Name of Student: Sanik	a chandrashekhar joshi	
Experiment No: 04 Qu		Quiz Score:	6
Name of Experiment: Int	roduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	rstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	Finolex Academy	HOPE Foundation's Of Management And	Technology, Ratnagiri
ইয়াতি বিশ্বাস অসমিত্র জন্মনা ইয়াতাই এই এই	Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 26	Name of Student: Shiwa	ali kamble	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Intr	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understand online quiz)	derstanding (Assessment based on Q and A through		6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 27	Name of Student: Karal	e Sanika Bhavesh		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Heap Data Structure like Binary Heap, Fibonacci Heap
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understand online quiz)	echnical Understanding (Assessment based on Q and A through Inline quiz)		6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri		Technology, Ratnagiri	
introducing contact wood facilities of the		Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 20		Academic Year: 2023-24	
Roll No: 28	Name of Student: Abdu	llah AKarim Kazi		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable:	Understand linear data	structure Queue with	various operations and	
applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA Course Name: Data Structures Lab with C and C++		
Course Code: MCAL11			
Class: FYMCA			Academic Year: 2023-24
Roll No: 30	Name of Student: Prath	namesh Laxman Khape	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Int	roduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	·			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 31	Name of Student: Rahu	l Ramesh Khedekar		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	Queues requires dynamic memory but stack do not
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	Department of MCA		
Course Code: MCAL11			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023		Academic Year: 2023-24
Roll No: 32	Name of Student: Aafar	n Ashraf Kotawdekar	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Int	roduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation	Neatness/Presentation			2
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA Course Name: Data Structures Lab with C and C++		
Course Code: MCAL11			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		
Roll No: 33	Name of Student: Saabi	qah Kotawdekar	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Intro	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation	Neatness/Presentation			2
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT Introdein sorte	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA		
Course Code: MCAL11	Course Name: Data Str	uctures Lab with C and	C++
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 20		Academic Year: 2023-24
Roll No: 34	Name of Student: Prasa	nd Shivaji Kumbhar	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Int	roduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation	Neatness/Presentation			2
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT Mendels were	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic	
Roll No: 35	Name of Student: Kurav	vle Nazrana Hamid	
Experiment No: 04		Quiz Score:	5
Name of Experiment: Intr	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			various operations and
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Front = (rear + 1)mod MAX_SIZE
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	Fechnical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 36	Name of Student: Adity	a Main		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intro	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	erstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT Stitution soft	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Stru	uctures Lab with C and	C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-		Academic Year: 2023-24	
Roll No: 37	Name of Student: Onka	r Rajan Malawade		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	erstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnag			
Sector delle sociali www.stant.eo.se	Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023		Academic Year: 2023-24	
Roll No: 38	Name of Student: Neha	Prafulla Malgaonkar		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue		·	
Lab Objective applicable:	Understand linear data	structure Queue wi	th various operations and	
applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understand online quiz)	anding (Assessment based on Q and A through		6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagi			
feefing deaths contrast sevent theret, e.g., an	Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		Academic Year: 2023-24	
Roll No: 39	Name of Student: Esha	Ravindra Mandavkar		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and				
applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				
computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	standing (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Telicitation auties			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 40	Name of Student: Rash	mi Ravindra More		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA		
Course Code: MCAL11	1 Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 41	Name of Student: Rupa	li Ramchandra More	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Int	roduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 42	Name of Student: Maak	nin imtiyaz mulla		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 42	Name of Student: Maak	nin imtiyaz mulla		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA Course Name: Data Structures Lab with C and C++			
Course Code: MCAL11				
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2			
Roll No: 43	Name of Student: Sayal	i Sujit Mungekar		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nding (Assessment based on Q and A through			6
2	Neatness/Presentation	Neatness/Presentation			2
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2			
Roll No: 45	Name of Student: Satya	jit Panchal		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intro	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nding (Assessment based on Q and A through			6
2	Neatness/Presentation	Neatness/Presentation			2
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2			
Roll No: 46	Name of Student: Kaust	ubh		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nding (Assessment based on Q and A through			6
2	Neatness/Presentation	Neatness/Presentation			2
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2			
Roll No: 47	Name of Student: Kunal	l Parab		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nding (Assessment based on Q and A through			6
2	Neatness/Presentation	Neatness/Presentation			2
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 48	Name of Student: Sejal	Vishwajeet Parab		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	tanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	Department of MCA		
Course Code: MCAL11			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 50	Name of Student: Dhruv	v Manohar Patel	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Intr	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	standing (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA Course Name: Data Structures Lab with C and C++			
Course Code: MCAL11				
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 20		Academic Year: 2023-24	
Roll No: 51	Name of Student: Uma	Ishwar Patel		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	standing (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA Course Name: Data Structures Lab with C and C++		
Course Code: MCAL11			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		
Roll No: 53	Name of Student: Jyotir	aditya patil	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Intr	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	tanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	Finolex Academy		Technology, Ratnagiri	
Indica derina scottar were faunt acus	Department of MCA			
Course Code: MCAL11	Course Name: Data Stru	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 54	Name of Student: Prana	ali Patil		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri		
Setting define motivate woman family and an	Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Ye	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-	
Roll No: 55	Name of Student: Prath	amesh Tatyaso Patil	
Experiment No: 04		Quiz Score:	5
Name of Experiment: Int	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Front = (rear + 1)mod MAX_SIZE
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters			Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagi		<u> </u>
Course Code: MCAL11	Department of MCA Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 56	Name of Student: Sarth	ak Ashutosh Patil	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Intr	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT Finolex Academy Of Managem			<u> </u>	
Course Code: MCAL11	Department of MCA Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 57	Name of Student: Sneha	a Patil		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Front = (rear + 1)mod MAX_SIZE
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters			Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratn			
ইয়াকৈ বিয়াল অস্ট্ৰের জনসংগ্রিকার কলে	Department of MCA			
Course Code: MCAL11	Course Name: Data Stru	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 58	Name of Student: Swap	nali Patil		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	echnical Understanding (Assessment based on Q and A through aline quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT Introdes water	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 59	Name of Student: Vaish	navi Patil		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	echnical Understanding (Assessment based on Q and A through aline quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2			
Roll No: 60	Name of Student: Mithi	l Suresh Pawar		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	chnical Understanding (Assessment based on Q and A through line quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2			
Roll No: 61	Name of Student: Rahul	l Pawar		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intro	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	echnical Understanding (Assessment based on Q and A through aline quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
হৈছিল কৰিছিল অন্যান্ত্ৰ জনান বিভাগে ৪০ এন				
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-7		Academic Year: 2023-24	
Roll No: 62	Name of Student: Deep	ak Jagannath Pirankar		
Experiment No: 04 Quiz Score: 6		6		
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understand online quiz)	nnical Understanding (Assessment based on Q and A through ne quiz)		6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date	of Assessment (DOA)	Signature of Teacher		

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 63	Name of Student: Gayat	tri Manik Rane		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	derstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA Course Name: Data Structures Lab with C and C++		
Course Code: MCAL11			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023		Academic Year: 2023-24
Roll No: 64	Name of Student: Anike	et Mahendra Ransing	
Experiment No: 04 Quiz Score: 6		6	
Name of Experiment: Int	roduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	derstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Testing stating south as secured thereting and an				
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		Academic Year: 2023-24	
Roll No: 66	Name of Student: Sneh	a Pramod Rawool		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	erstanding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	of Assessment (DOA)	Si	ignature of Teacher		

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2			
Roll No: 67	Name of Student: Riya l	Jnmesh Rode		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nding (Assessment based on Q and A through			6
2	Neatness/Presentation	Neatness/Presentation			2
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	Finolex Academy	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri		
Indica derina scottar were faunt acus	Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-			
Roll No: 68	Name of Student: Anan	d Sagar		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nding (Assessment based on Q and A through			6
2	Neatness/Presentation	Neatness/Presentation			2
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
ইয়াত বিশ্বাস অন্যান্ত ভালত ইয়ালা কা ন				
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Y	Semester: I CBCGS (1 Year MCA) Academic Year: 20		
Roll No: 69	Name of Student: Pares	sh Vijay Sail		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable:	Lab Objective applicable: Understand linear data structure Queue with various operations and			
applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11 Course Name: Data Structures Lab with C and C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		Academic Year: 2023-24	
Roll No: 70	Name of Student: Soura	Name of Student: Sourabh Dattaram Sakpal		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nding (Assessment based on Q and A through			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
feefing shallow contract second fluents and an				
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		Academic Year: 2023-24	
Roll No: 71	Name of Student: Mohi	ni Mahesh Sathe		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable:	Lab Objective applicable: Understand linear data structure Queue with various operations and			
applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				
computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nical Understanding (Assessment based on Q and A through e quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratna			
ইয়াহে বিয়লি অন্যান্ত ভালম ইয়াহে ১০.১৮	Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 72	Name of Student: Saura	bh Satre		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nical Understanding (Assessment based on Q and A through e quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA		
Traffice challes south as second frames, and use			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023		Academic Year: 2023-24
Roll No: 74	Name of Student: Yash	Santosh Sawant	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Int	roduction to Queue		
Lab Objective applicable:	Understand linear data	a structure Queue with	various operations and
applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nical Understanding (Assessment based on Q and A through e quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 75	Name of Student: Tejal	Pravesh Shenavi		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	nical Understanding (Assessment based on Q and A through e quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagi			
ইয়াহে বিয়াল অন্যান্ত ভালত ইয়াহে ২০ ১৮	Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 76	Name of Student: Adity	a Sanjay Shinde		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT Biodelin solve	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		Academic Year: 2023-24	
Roll No: 77	Name of Student: Suya:	sh Sandip Shinde		
Experiment No: 04	•	Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT Velocity with a second s	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA		
Course Code: MCAL11	Course Code: MCAL11 Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year:		Academic Year: 2023-24
Roll No: 78	Name of Student: Yogin	i Shailesh Shirdhankar	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Int	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri			
ইয়াহে ব্যৱহাৰ অন্যান্ত জন্মৰ চিন্তাহ ২০.১০	Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		Academic Year: 2023-24	
Roll No: 79	Name of Student: Pand	urang devendra shirsat		
Experiment No: 04		Quiz Score:	5	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	Queues requires dynamic memory but stack do not
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Rat			
ইয়াত বাহিন অন্তৰ্ভ জনত ইয়াত ব	Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 80	Name of Student: Tuka	ram Vishnu Sidruk		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable:	Understand linear data	structure Queue with	various operations and	
applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various				
computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	echnical Understanding (Assessment based on Q and A through nline quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri			
প্ৰতিহে বিশ্বাস অন্যান্ত ভালান কৰাৰ কৰে তেওঁ	Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-2		Academic Year: 2023-24	
Roll No: 81	Name of Student: Rasik	a Chandrakant Tambe		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Int	roduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of
1	Technical Understand online quiz)	chnical Understanding (Assessment based on Q and A through ine quiz)		6
2	Neatness/Presentation			2
3	Punctuality			2
Date	of Execution (DOE) Total Marks Obtained			10
Date o	Date of Assessment (DOA) Signature of Teacher			

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri		
ছিলিয়ে বিশ্বনি অস্থানিক জনসংক্রিকার এব এক	Department of MCA		
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++		
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24		
Roll No: 82	Name of Student: Omka	ar Sanjay Vele	
Experiment No: 04		Quiz Score:	6
Name of Experiment: Intr	oduction to Queue		
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.			
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.			

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri Department of MCA			
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++			
Class: FYMCA	Semester: I CBCGS (1 Year MCA) Academic Year: 2023-24			
Roll No: 83	Name of Student: Mahe	ek Wasta		
Experiment No: 04		Quiz Score:	6	
Name of Experiment: Intr	oduction to Queue			
Lab Objective applicable: Understand linear data structure Queue with various operations and applications.				
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various computer related applications.				

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters		Marks Obtaine d	Out of	
1	Technical Understand online quiz)	Technical Understanding (Assessment based on Q and A through online quiz)			6
2	Neatness/Presentation			2	
3	Punctuality			2	
Date	of Execution (DOE) Total Marks Obtained			10	
Date o	Date of Assessment (DOA) Signature of Teacher				

FAMT	HOPE Foundation's Finolex Academy Of Management And Technology, Ratnagiri					
heistelein solar www.hintac.in	Department of MCA					
Course Code: MCAL11	Course Name: Data Structures Lab with C and C++					
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24			
Roll No: 84	Name of Student: Akshay Umesh Narvekar					
Experiment No: 04		Quiz Score:	6			
Name of Experiment: Introduction to Queue						
Lab Objective applicable: Understand linear data structure Queue with various operations and						
applications.						
Lab Outcome applicable: Construct the Queue linear data structure and apply it for various						
computer related applications						

Q. No.	Question	Correct Answer	Given Answer
1	A data structure in which elements can be inserted or deleted at/from both the ends but not in the middle is?	Dequeue	Dequeue
2	A normal queue, if implemented using an array of size MAX_SIZE, gets full when?	Rear = MAX_SIZE – 1	Rear = MAX_SIZE – 1
3	The difference between queue and stack is	Queue use two ends of the structure, stack use only one	queue use two ends of the structure, stack use only one
4	Two variables used in queue are	rear and front	rear and front
5	Which one of the following is an application of Queue Data Structure?	Load Balancing	Load Balancing
6	Which operation is used to add an element in the Queue?	Enqueue	Enqueue

Sr. No.	Parameters			Marks Obtaine d	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)			6	
2	Neatness/Presentation			2	
3	Punctuality				2
Date	Date of Execution (DOE) Total Marks Obtained			10	
Date of Assessment (DOA)		Si	ignature of Teacher		