



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 1	Name of Student: shruti Dnyaneshwar Anabhavane				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



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Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 2	Name of Student: Indranil Suresh Angolkar				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
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Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
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Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



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Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 3	Name of Student: Om Rajesh Awasare	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



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Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 4	Name of Student: Vaibhav Bagave	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
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Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 5	Name of Student: Ruchita pravin Belosay	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

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Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 6	Name of Student: Pravat Bera	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
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Assignment/Experiment Evaluation:

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Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 7	Name of Student: Hafsa Muneer Bhatkar				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
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Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 8	Name of Student: Atharva Sandip Bhatye				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
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Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 9	Name of Student: Suchit bhonkar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
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Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 10	Name of Student: Bhavesh Atmaram Chaugule	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
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Assignment/Experiment Evaluation:

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Date of Execution (DOE)		Total Marks Obtained		10
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Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 11	Name of Student: Pranay Sharad Chavan	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
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6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

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Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 12	Name of Student: Sahil sandip chavan	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
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Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 13	Name of Student: Nitant Naresh Deulkar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
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Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
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Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 14	Name of Student: Yuvaraj Dattaram Dhanavade				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
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Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 17	Name of Student: Tejal Sakharam Ghadi				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print success if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 18	Name of Student: Vaishnavi Prabhakar Ghag	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 19	Name of Student: Chandan Bhagwan Howale				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataVa lue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 20	Name of Student: Uzaif Rafiq Isani	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 21	Name of Student: Sumit Deepak Jakhal	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 22	Name of Student: Neha prakash jog	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 23	Name of Student: Vishal Atmaram Jogale	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 24	Name of Student: Tanmay Shrikant Jogalekar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 25	Name of Student: SANIKA CHANDRASHEKHAR JOSHI				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 26	Name of Student: Shiwali kamble	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 26	Name of Student: Shiwali kamble	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 27	Name of Student: Karale Sanika Bhavesh	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 28	Name of Student: Abdullah A Karim Kazi	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 30	Name of Student: Prathamesh Laxman Khape	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 31	Name of Student: Rahul Ramesh Khedekar				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 32	Name of Student: Aafan Ashraf Kotawdekar	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 33	Name of Student: Saabiqah Kotawdekar	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 34	Name of Student: Prasad Shivaji Kumbhar				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 35	Name of Student: Kurawle Nazrana Hamid				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print success if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 35	Name of Student: Kurawle Nazrana Hamid				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataVa lue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print success if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 36	Name of Student: Aditya Main	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 37	Name of Student: Onkar Rajan Malawade				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data)) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 38	Name of Student: Neha Prafulla Malgaonkar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 39	Name of Student: Esha Ravindra Mandavkar				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 40	Name of Student: Rashmi Ravindra More	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 41	Name of Student: Rupali Ramchandra More				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data)) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 42	Name of Student: Maahin imtiyaz mulla	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 42	Name of Student: Maahin imtiyaz mulla	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 43	Name of Student: Sayali Sujit Munegkar	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 45	Name of Student: Satyajit Panchal	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 46	Name of Student: Kaustubh Parab	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 47	Name of Student: Kunal Parab	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 48	Name of Student: Sejal Vishwajeet Parab				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 49	Name of Student: RIZA SAMAD PATANKAR	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 50	Name of Student: Dhruv Manohar Patel	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 51	Name of Student: Uma Ishwar Patel	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 52	Name of Student: Akshada Patil	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 53	Name of Student: Jyotiraditya dilip patil	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 53	Name of Student: Jyotiraditya patil	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 54	Name of Student: Pranali Patil	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 55	Name of Student: Prathamesh Tatyaso Patil				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue) myNode(x)	myNode* temp = new myNode(x)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 55	Name of Student: Prathamesh Tatyaso Patil				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(x)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 56	Name of Student: Sarthak Ashutosh Patil				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataVa lue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		5	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 57	Name of Student: Sneha Patil	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 58	Name of Student: Swapnali Patil	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 59	Name of Student: Vaishnavi Patil	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 60	Name of Student: Mithil Suresh Pawar	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 61	Name of Student: Rahul Pawar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 61	Name of Student: Rahul Umesh Pawar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 62	Name of Student: Deepak Jagannath Pirankar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 63	Name of Student: Gayatri Manik Rane	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 64	Name of Student: Aniket Mahendra Ransing				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data)) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
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Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 65	Name of Student: Arman Abdulhamid Raut	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print success if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 66	Name of Student: Sneha Pramod Rawool				
Experiment No: 05	Quiz Score:		5		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print success if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



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Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 66	Name of Student: Sneha Pramod Rawool	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print success if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 67	Name of Student: Riya Unmesh Rode	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 68	Name of Student: Anand Sagar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 68	Name of Student: Anand Sagar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 69	Name of Student: Paresh Vijay Sail	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 70	Name of Student: Sourabh Dattaram Sakpal	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 70	Name of Student: Sourabh Dattaram Sakpal	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 71	Name of Student: Mohini Mahesh Sathe	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 72	Name of Student: Saurabh Satre	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 72	Name of Student: Saurabh Satre	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)	Total Marks Obtained		10
Date of Assessment (DOA)	Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 74	Name of Student: Yash Santosh Sawant				
Experiment No: 05	Quiz Score:		3		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

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



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 75	Name of Student: Tejal Pravesh Shenavi	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 77	Name of Student: Suyash Sandip Shinde	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 78	Name of Student: Yogini Shailesh Shirdhankar				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data)) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 79	Name of Student: Pandurang devendra shirsat				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if the list is empty
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 80	Name of Student: Tukaram Vishnu Sidruk	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++				
Class: FYMCA	Semester: I CBCGS (1 Year MCA)		Academic Year: 2023-24		
Roll No: 81	Name of Student: Rasika Chandrakant Tambe				
Experiment No: 05	Quiz Score:		4		
Name of Experiment: Introduction to Linked List					
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.					
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications					

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data)) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	4	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 82	Name of Student: Omkar Sanjay Vele	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 83	Name of Student: Mahek Wasta	
Experiment No: 05	Quiz Score:	4
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You cannot have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head == null) { Node temp = head.getNext(); while((temp != head) && !(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters		Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)		4	6
2	Neatness/Presentation			2
3	Punctuality			2
Date of Execution (DOE)		Total Marks Obtained		10
Date of Assessment (DOA)		Signature of Teacher		



HOPE Foundation's
Finolex Academy Of Management And Technology, Ratnagiri

Department of MCA

Course Code: MCAL11	Course Name: Data Structures Lab using C/C++	
Class: FYMCA	Semester: I CBCGS (1 Year MCA)	Academic Year: 2023-24
Roll No: 84	Name of Student: Akshay Umesh Narvekar	
Experiment No: 05	Quiz Score:	5
Name of Experiment: Introduction to Linked List		
Lab Objective applicable: Understand a linear data structure Linked List with various operations and applications.		
Lab Outcome applicable: Construct the linked list linear data structure and apply it for various computer related applications		

Details of Quiz:

Q. No.	Question	Correct Answer	Given Answer
1	How to create first Node in Linked List?	myNode* temp = new myNode(dataValue)	myNode* temp = new myNode(dataValue)
2	Which of the following can be done with Linked List?	Implementation of Stack and Queue	Implementation of Stack and Queue
3	What is the time complexity of a program to reverse a linked list?	O(n)	O(n)
4	What differentiates a circular linked list from a normal linked list?	You may or may not have the 'next' pointer point to null in a circular linked list	You may or may not have the 'next' pointer point to null in a circular linked list
5	<pre>public void function(int data) { int flag = 0; if(head != null) { Node temp = head.getNext(); while((temp != head) && (!(temp.getItem() == data))) { temp = temp.getNext(); flag = 1; break; } if(flag) System.out.println("success"); else System.out.println("fail"); } }</pre>	Print fail if a particular element is not found	Print fail if a particular element is not found
6	What is the time complexity of searching for an element in a circular linked list?	O(n)	O(n)

Assignment/Experiment Evaluation:

Sr. No.	Parameters	Marks Obtained	Out of
1	Technical Understanding (Assessment based on Q and A through online quiz)	5	6
2	Neatness/Presentation		2
3	Punctuality		2
Date of Execution (DOE)		Total Marks Obtained	10
Date of Assessment (DOA)		Signature of Teacher	