



- Algorithm Analysis and Design Concepts
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Dashboard / Algorithm Analysis and Design Concepts / Analysis of Algorithms / Pre-Quiz

Started on	Tuesday, 18 February 2020, 1:20 AM
State	Finished
Completed on	Tuesday, 18 February 2020, 1:21 AM
Time taken	1 min 28 secs
Marks	4.50/5.00
Grade	90.00 out of 100.00
Feedback	Congratulations!! You have passed by securing more than 80%

Question

Correct Mark 1.00 out of 1.00

Flag question

Jane has created a special type of linked list. That linked list contains no NULL values in its links. If so, what type of linked list is Jane has created?

Select one:

- None of these options
- Doubly Linked List
- Circular Linked List
- Single Linked List

Your answer is correct.

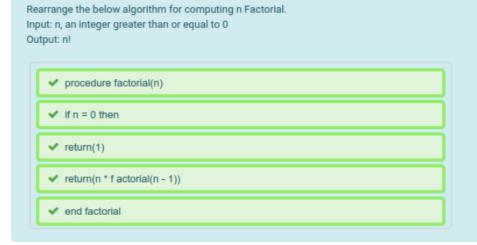
The correct answer is: Circular Linked List

Question **2**

Correct

Mark 1.00 out of 1.00

Flag question



Quiz navigation 1 2 3 4 5 Finish review

Your answer is correct.

Question **3**

Correct Mark 1.00 out of 1.00

Flag question

```
What is the purpose of the following code snippets?

for (int i = 0; i < arr.length-1; i++)
{
    for (int j = i+1; j < arr.length; j++)
    {
        if( (arr[i].equals(arr[i])) && (i!=j) )
        {
            System.out.println(arr[i]);
        }
    }
}

Select one:

Print the unique elements in the array
Print the element with maximum frequency
None of the these

Print the duplicate elements in the array ✓
```

Your answer is correct.

The correct answer is: Print the duplicate elements in the array

Question 4

Correct

Mark 1.00 out of 1.00

Flag question

Select the code snippet which performs unordered linear search iteratively?

Select one:

```
public int UnorderedLinearSearch(int[] arr, int size, int data)
{
   int index=0;
   for(int i = 0; i <= size; i++)
   {
      if(arr[i] == data)
      {
      index = i;
      break;
      }
   }
   return index;
}</pre>
```

public int UnorderedLinearSearch(intfl arr int size int data)

```
int index;
     for(int i = 0; i < size; i++)
        if(arr[i] == data)
          break;
     return index;

    None of these options

public int UnorderedLinearSearch(int[] arr, int size, int data)
     int index=0;
     for(int i = 0; i < size; i++)
        if(arr[i] == data)
          index = i;
          break;
     return index;
   } •
```

```
Your answer is correct.
The correct answer is: public int UnorderedLinearSearch(int[] arr, int size, int data)
  int index=0;
  for(int i = 0; i < size; i++)
    if(arr[i] == data)
      index = i;
       break;
  return index;
```

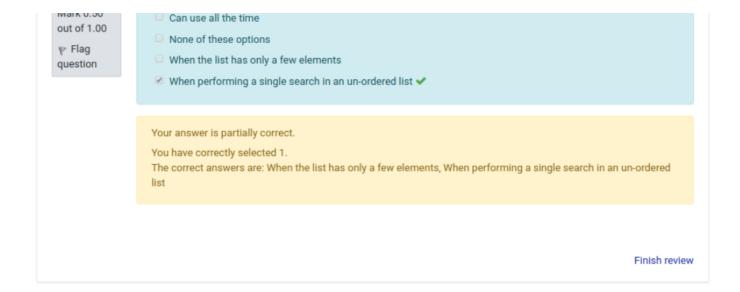
Question **5**

Partially correct

Mark 0 E0

Choose the scenario(s) when we need to use Linear search?

Select one or more:





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