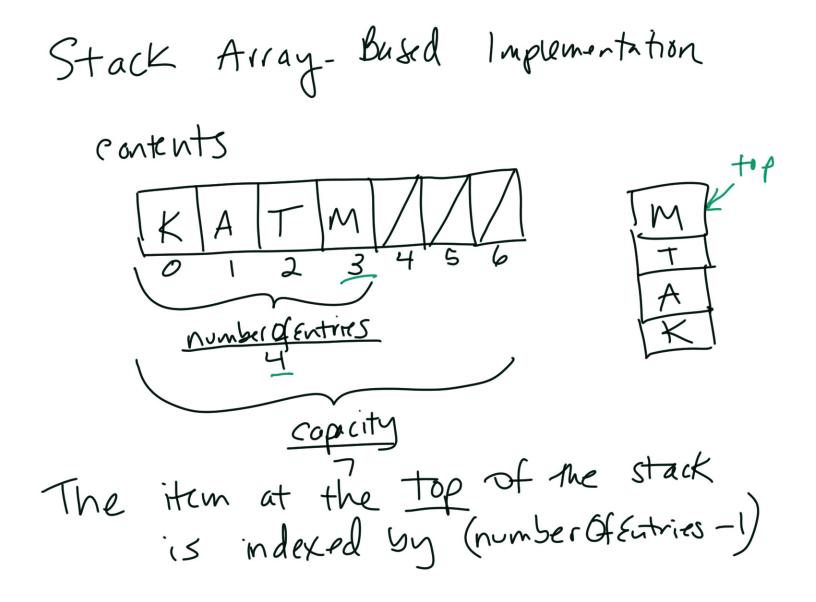
```
12 public class ArrayBasedStack<T> implements StackInterface<T>
 13 {
 14
         private T[] contents;
private int numberOfEntries;
 15
 16
 17
         private int capacity;
 18
 19⊝
          /**
 20
          * Create a new ArrayBasedStack object.
          * @param stackLen initial capacity
 21
 22
          */
         @SuppressWarnings("unchecked")
 230
 24
         public ArrayBasedStack(int stackLen)
 25
          {
 26
              capacity = stackLen;
              numberOfEntries = 0;
contents = (T[]) new Object[capacity];
 27
 28
         }
 29
 30
 310
         /**
 32
          * this is the default constructor
 33
          */
 340
         public ArrayBasedStack()
 35
          {
 36
              this(100);
         }
 37
 38
 39
          /***@inheritDoc***/
 40⊖
          @Override
         public boolean isEmpty()
× 41
 42
          {
 43
              return (numberOfEntries == 0);
         }
 44
 45
```

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