SEARCH AN ELEMENT IN STACK

JAVA CODE

```
import java.util.Stack;

public class MainClass {
  public static void main (String args[]) {
    Stack s = new Stack();
    s.push("A");
    s.push("B");
    s.push("C");

    System.out.println("Next: " + s.peek());
    s.push("D");

    System.out.println(s.pop());
    s.push("E");
    s.push("F");

    int count = s.search("E");
    while (count != -1 && count > 1) {
      s.pop();
      count--;
    }
    System.out.println(s);
  }
}
```

WORKING

1. Creation of Object for Stack
2. Adding Elements
   - ✓ A
   - ✓ B
   - ✓ C
3. Printing of Peak Stack Element i.e. **C**
4. Adding Element
   - ✓ D
5. Pooping Element from Stack i.e. **D**
6. Adding Elements
   - ✓ E
   - ✓ F
7. Searching for "**E**" in Stack
8. count=**2**
9. Validating while loop
   - ✓ Loop will be valid for the first run only
   - ✓ It will pop the last value of Stack
10. Output be like
    - ✓ Line 1: C
    - ✓ Line 2: [A, B, C, E]