

```
import java.util.HashSet;
```

```
public class AppendHashSet {  
    public static void main(String[] args) {  
        // Create HashSet  
        HashSet<String> set = new HashSet<>();  
  
        // Add some initial elements to the HashSet  
        set.add("Apple");  
        set.add("Banana");  
        set.add("Orange");  
  
        // Display the HashSet  
        System.out.println("Original HashSet: " + set);  
  
        // Append a specified element to the HashSet  
        String newElement = "Mango";  
        set.add(newElement);  
  
        // Display the updated HashSet  
        System.out.println("Updated HashSet after adding '" + newElement + "': " + set);  
    }  
}
```

Question 1 - Output:

Original HashSet: [Banana, Apple, Orange]

Updated HashSet after adding 'Mango': [Banana, Apple, Orange, Mango]

```
import java.util.Stack;

public class StackExample {
    public static void main(String[] args) {
        // Declare a stack
        Stack<Integer> stack = new Stack<>();
        // Store 10 elements in the stack
        for (int i = 1; i <= 10; i++) {
            stack.push(i); // Add elements 1 to 10
        }
        // Display the stack after adding 10 elements
        System.out.println("Stack after pushing 10 elements: " + stack);
        // Remove 4 elements from the stack
        for (int i = 0; i < 4; i++) {
            stack.pop(); // Remove the top element 4 times
        }
        // Display the stack after removing 4 elements
        System.out.println("Stack after popping 4 elements: " + stack);
    }
}
```

Question 2 - Output:

Stack after pushing 10 elements: [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]

Stack after popping 4 elements: [1, 2, 3, 4, 5, 6]