

**// The following function from OpenAI, ChatGPT, "check if an item is in a list in java android studio", 2023-10-24:**

```
import java.util.ArrayList;
import java.util.List;

public class Example {
    public static void main(String[] args) {
        // Create a list and add some items
        List<String> items = new ArrayList<>();
        items.add("Apple");
        items.add("Banana");
        items.add("Cherry");

        // Item to check
        String itemToCheck = "Banana";

        // Check if the item is in the list
        if (items.contains(itemToCheck)) {
            System.out.println(itemToCheck + " is in the list.");
        } else {
            System.out.println(itemToCheck + " is not in the list.");
        }
    }
}
```

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**// The following function from OpenAI, ChatGPT, "how would I use 'assertEquals'?", 2023-10-24:**

```
...
String itemToCheck = "Banana";
// Use assertEquals to compare the expected result with the actual result
assertEquals("Item should be in the list", true, items.contains(itemToCheck));
...
```

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**// The following function from OpenAI, ChatGPT, "how can I delete a specific item from the list?", 2023-10-24:**

```
// Item to remove
String itemToRemove = "Banana";
// Remove the item from the list
items.remove(itemToRemove);
```

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// The following function from OpenAI, ChatGPT, "how would I test this?", 2023-10-24:  
// Check the size of the list and contents after removal  
assertEquals("List size should be 2 after removal", 2, items.size());

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**Throwing an exception:**

<https://www.youtube.com/watch?v=OlozDnGYqIU>

```
private static void validateAge(int age) throws Exception {  
    if (age < 0){  
        throw new Exception("Oh no! Something went wrong!");  
    }  
}
```