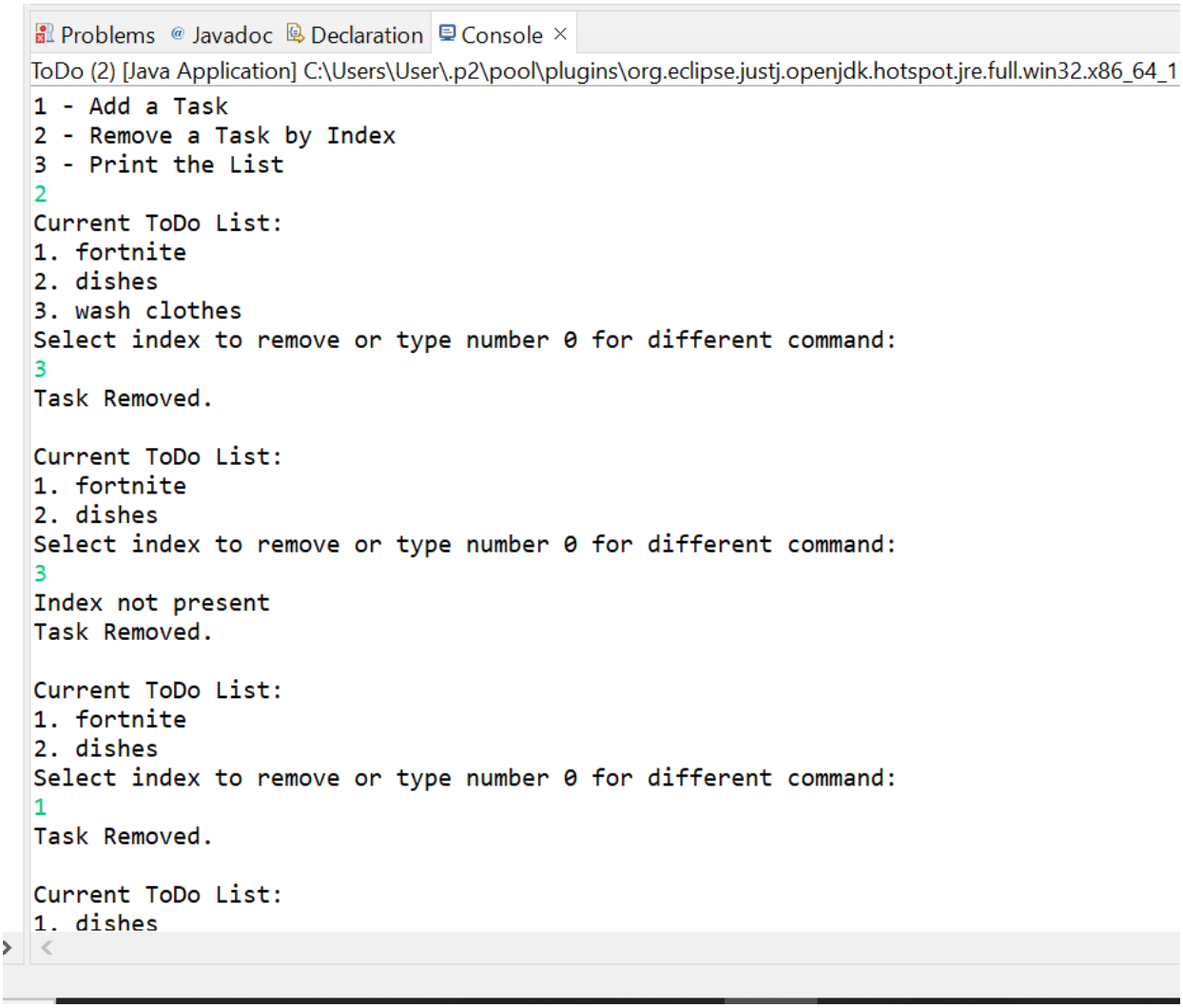
```
import java.util.Scanner;

public class ToDo {

	public static void main(String[] args) {

		ToDoList list = new ToDoList();
		Scanner scanner = new Scanner(System.in);
		String choice;
		String item;
		int check;

		while(true) {
			check = 1;
			item = "";
			System.out.println("\nEnter number to take action: ");
			System.out.println("1 - Add a Task");
			System.out.println("2 - Remove a Task by Index");
			System.out.println("3 - Print the List");


			choice = scanner.nextLine();

			switch (choice) {
			case "1":
				while (!item.equals("0")) {
				System.out.println("Enter Task or type number 0 for
different command: ");
				item = scanner.nextLine();

				if (!item.equals("0")) {
				list.addTask(item);
				System.out.println("Item Added");
				}
				}
				break;

			case "2":
				while (check != 0) {
				list.showList();
				System.out.println("Select index to remove or type number
0 for different command: ");
				check = scanner.nextInt();
				if (check != 0) {
					list.removeTask(check);
					System.out.println("Task Removed.\n");
				}
				}
				break;
			case "3":
				list.showList();
				break;

			default:
				System.out.println("Invalid command, please try again.");
```

```
                        break;
                    }
                }

        }

}
```

Part 2:

```
import java.util.ArrayList;

public class ToDoList {

        ArrayList<String> tasks = new ArrayList<>();

        public void addTask(String t) {
                tasks.add(t);
        }

        public void removeTask(int n) {
                try{tasks.remove(n-1);

                }catch (Exception e) {
                        System.out.println("Index not present");
                };
        }

        public void showList() {
                System.out.println("Current ToDo List:");
                if (!tasks.isEmpty())
                for (int i =0; i < tasks.size(); i++) {
                        System.out.println((i+1) + ". " + tasks.get(i));
                }else {
                        System.out.println("List is currently empty\n");
                }

        }
}
```

```
Enter number to take action:
1 - Add a Task
2 - Remove a Task by Index
3 - Print the List
1
Enter Task or type number 0 for different command:
fortnite
Item Added
Enter Task or type number 0 for different command:
dishes
Item Added
Enter Task or type number 0 for different command:
wash clothes
Item Added
Enter Task or type number 0 for different command:
0

Enter number to take action:
1 - Add a Task
2 - Remove a Task by Index
3 - Print the List
3
Current ToDo List:
1. fortnite
2. dishes
3. wash clothes

Enter number to take action:
```


Problems
Javadoc
Declaration
Console
ToDo (2) [Java Application] C:\Users\User\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_1
1 - Add a Task
2 - Remove a Task by Index
3 - Print the List
2
Current ToDo List:
1. fortnite
2. dishes
3. wash clothes
Select index to remove or type number 0 for different command:
3
Task Removed.
Current ToDo List:
1. fortnite
2. dishes
Select index to remove or type number 0 for different command:
3
Index not present
Task Removed.
Current ToDo List:
1. fortnite
2. dishes
Select index to remove or type number 0 for different command:
1
Task Removed.
Current ToDo List:
1. dishes

```
ToDo (2) [Java Application] C:\Users\User\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.wi
2. dishes
Select index to remove or type number 0 for different command:
1
Task Removed.

Current ToDo List:
1. dishes
Select index to remove or type number 0 for different command:
0

Enter number to take action:
1 - Add a Task
2 - Remove a Task by Index
3 - Print the List
Invalid command, please try again.

Enter number to take action:
1 - Add a Task
2 - Remove a Task by Index
3 - Print the List
3
Current ToDo List:
1. dishes

Enter number to take action:
1 - Add a Task
2 - Remove a Task by Index
3 - Print the List
```