

Platform-based Programming

#2 Java Types

1) Array

2) enum

2019년 1학기

Problem

- ❖ Write a Java program based on the given numbers
- ❖ The program should look like this!
- ❖ Commands are not case sensitive.
- ❖ The list contains no more than 100 values.

```
ADD 10
add 20
LIST
10 20
Sum
30
Add 30
suM
60
Sum
60
Summ
Invalid Command
list
10 20 30
Quit
Bye!
```

Code Skeleton: ArrayEnum.java

```
public class ArrayEnum {
    public static void main(String[] args) {
        // Your code here
        Scanner scanner = new Scanner(System.in);

        while ( true ) {
            final Command command = getCommand(scanner); // Command is enum
            if ( command == Command.QUIT ) {
                System.out.println("Bye!");
                break;
            }
            switch ( command ) {
                case ADD:
                    final int newValue = getValue(scanner);
                    values[index] = newValue;
                    index++;
                    break;
                case LIST:
                    printList(values, index);
                    break;
                case SUM:
                    System.out.println(getSum(values, index));
                    break;
                case INVALID:
                    default: break;
            }
        }
        scanner.close();
    }
}
```