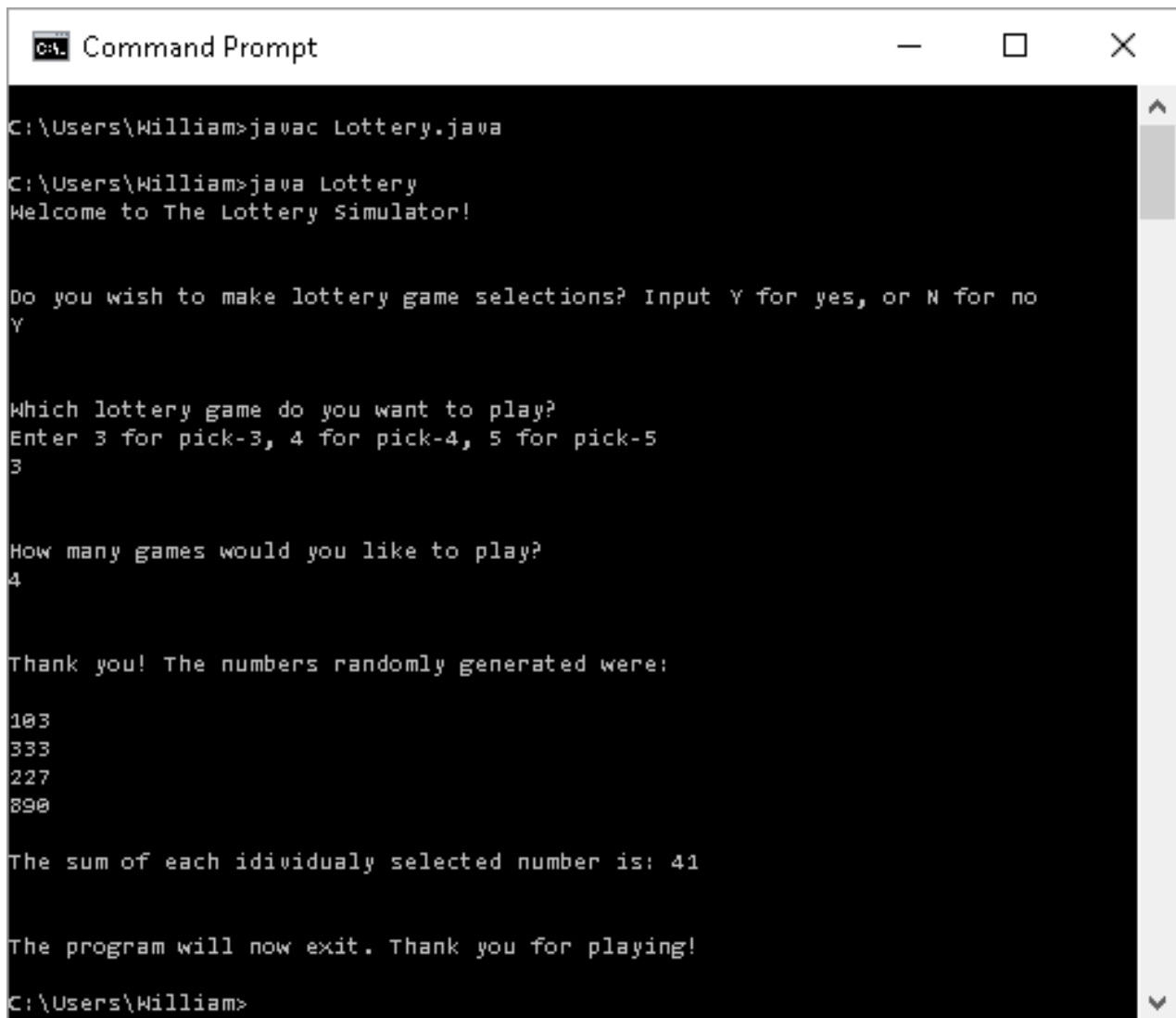


Final Product



```
C:\Users\William>javac Lottery.java

C:\Users\William>java Lottery
Welcome to The Lottery Simulator!

Do you wish to make lottery game selections? Input Y for yes, or N for no
Y

Which lottery game do you want to play?
Enter 3 for pick-3, 4 for pick-4, 5 for pick-5
3

How many games would you like to play?
4

Thank you! The numbers randomly generated were:
103
333
227
890

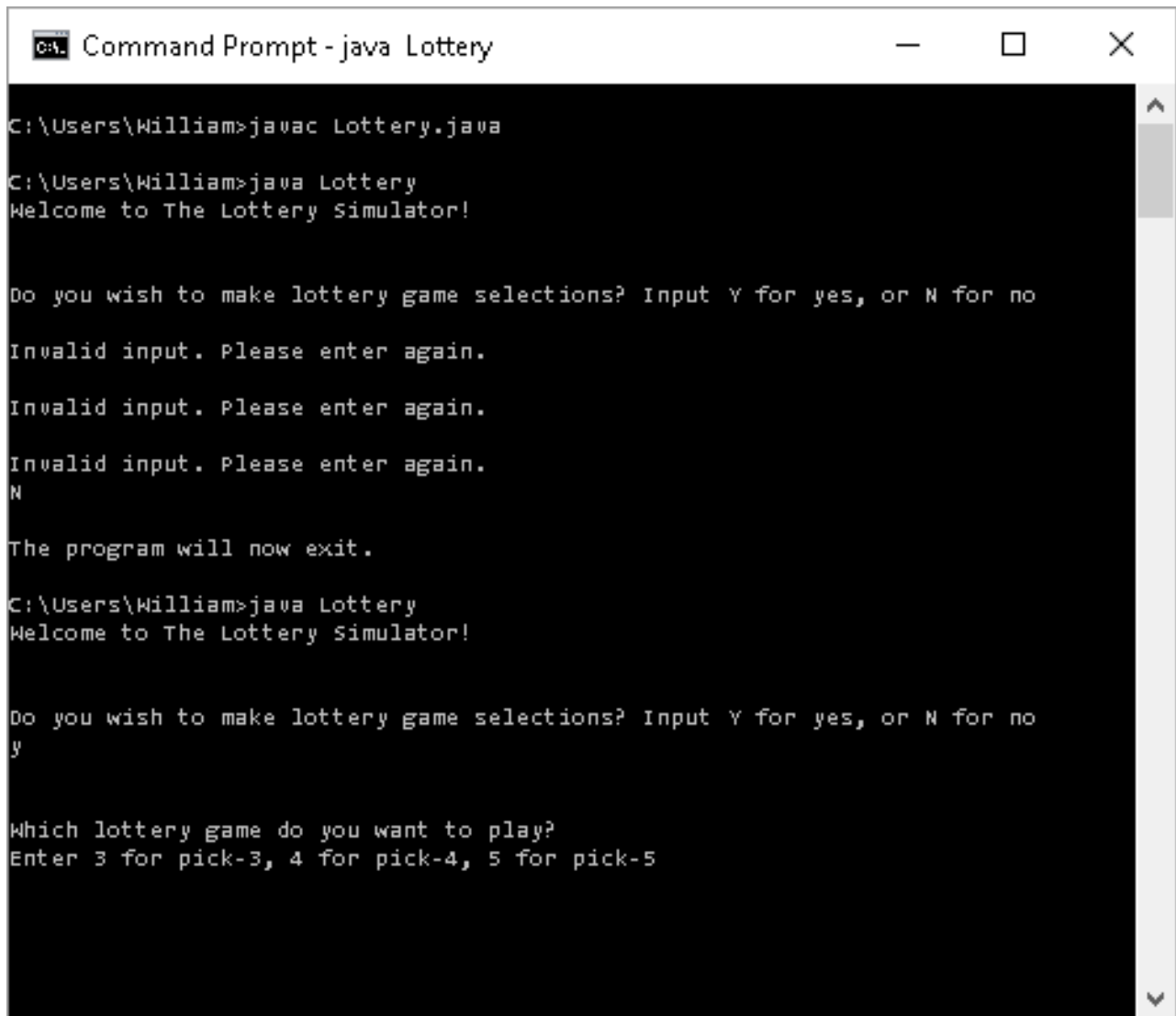
The sum of each idividually selected number is: 41

The program will now exit. Thank you for playing!
C:\Users\William>
```

Above is a window capture of me compiling and executing the completed program.

Test Plan

Firstly, I coded the program's first question so that it asks in a way where it will accept 'Y' or 'y' for yes, and 'N' or 'n' for no. I also made sure that if you didn't type any of these options, it wouldn't just exit out of the program. The results were as shown below.



```
C:\Users\William>javac Lottery.java

C:\Users\William>java Lottery
Welcome to The Lottery Simulator!

Do you wish to make lottery game selections? Input Y for yes, or N for no
Invalid input. Please enter again.
Invalid input. Please enter again.
Invalid input. Please enter again.
N
The program will now exit.

C:\Users\William>java Lottery
Welcome to The Lottery Simulator!

Do you wish to make lottery game selections? Input Y for yes, or N for no
y

Which lottery game do you want to play?
Enter 3 for pick-3, 4 for pick-4, 5 for pick-5
```

When coding questions 2 and 3, I made the program assign values to specific variables to allow for the end results of the generating numbers that were wanted. Also, allowing it to add the sum of each individual number. After adding these remaining pieces, we were left with the final results.

```
CA. Command Prompt

C:\Users\William>javac Lottery.java

C:\Users\William>java Lottery
Welcome to The Lottery Simulator!

Do you wish to make lottery game selections? Input Y for yes, or N for no
y

Which lottery game do you want to play?
Enter 3 for pick-3, 4 for pick-4, 5 for pick-5
5

How many games would you like to play?
4

Thank you! The numbers randomly generated were:

93214
22542
14093
98869

The sum of each individually selected number is: 91

The program will now exit. Thank you for playing!

C:\Users\William>
```

```
CA. Command Prompt
C:\Users\William>java Lottery
Welcome to The Lottery Simulator!

Do you wish to make lottery game selections? Input Y for yes, or N for no
Y

Which lottery game do you want to play?
Enter 3 for pick-3, 4 for pick-4, 5 for pick-5
4

How many games would you like to play?
7

Thank you! The numbers randomly generated were:
7077
5808
3971
8077
9751
8764
2717

The sum of each individually selected number is: 148

The program will now exit. Thank you for playing!
C:\Users\William>
```