

 MINGW64:/c/Users/Arti/Desktop/HW3\_Q1/src

Arti@DESKTOP-87VDGS7 MINGW64 ~/Desktop/HW3\_Q1/src

```
$ javac com/company/RandomInt.java
```

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```
$ java com/company/RandomInt
```

Enter a maximum positive number for random generation: 2

2

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```
$ java com/company/RandomInt
```

Enter a maximum positive number for random generation: 1

1

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```
$ java com/company/RandomInt
```

Enter a maximum positive number for random generation: 3

2

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```
$ java com/company/RandomInt
```

Enter a maximum positive number for random generation: 6

5

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```
$ |
```

Run RandomIntWhile

"C:\Program Files\Java\jdk1.8.0\_144\bin\java" ...

Enter a maximum positive number for random generation (0 to Quit): 4

4

Enter a maximum positive number for random generation (0 to Quit): 10

7

Enter a maximum positive number for random generation (0 to Quit): 4

2

Enter a maximum positive number for random generation (0 to Quit): 5

1

Enter a maximum positive number for random generation (0 to Quit): 0

0

Process finished with exit code 0

Run RandomIntRangeWhile

"C:\Program Files\Java\jdk1.8.0\_144\bin\java" ...

Enter the minimum and maximum positive number for random generation (same numbers to quit): 2 3  
3

Enter the minimum and maximum positive number for random generation (same numbers to quit): 4 9  
7

Enter the minimum and maximum positive number for random generation (same numbers to quit): 7 8  
8

Enter the minimum and maximum positive number for random generation (same numbers to quit): 100 230  
129

Enter the minimum and maximum positive number for random generation (same numbers to quit): 5 5  
5

Process finished with exit code 0

|

Run GuessLetter

```
"C:\Program Files\Java\jdk1.8.0_144\bin\java" ...  
I'm thinking of a letter between A and Z. Enter your guess: A  
Guess higher  
I'm thinking of a letter between A and Z. Enter your guess: B  
Guess higher  
I'm thinking of a letter between A and Z. Enter your guess: S  
Guess lower  
I'm thinking of a letter between A and Z. Enter your guess: O  
Guess lower  
I'm thinking of a letter between A and Z. Enter your guess: K  
Guess lower  
I'm thinking of a letter between A and Z. Enter your guess: M  
Guess lower  
I'm thinking of a letter between A and Z. Enter your guess: J  
****Right****
```

Process finished with exit code 0

|

Run NumInfo

"C:\Program Files\Java\jdk1.8.0\_144\bin\java" ...

Enter a positive digit number: 36

36 is an even number

36 is NOT a prime number

The factors are 1 2 3 4 6 9 12 18 36

The prime factors are 2 3

Process finished with exit code 0

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