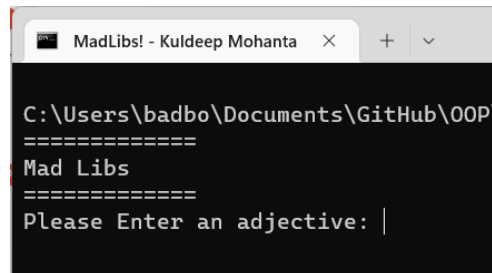


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100656950
Feb 09, 2023

ICE 4 – Mad Libs

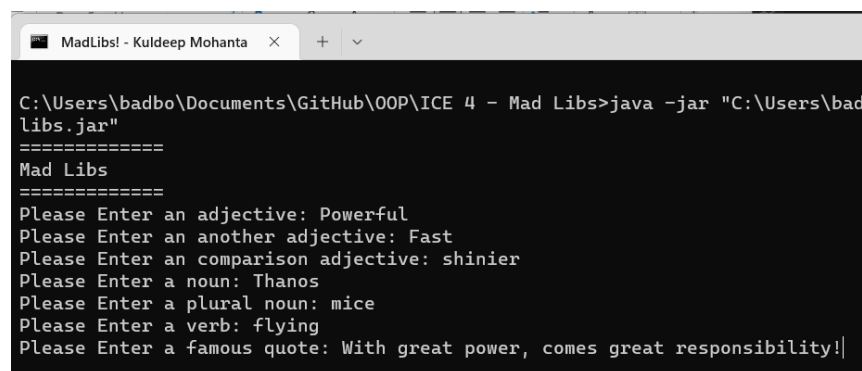
Phase 2 – Initial Screen



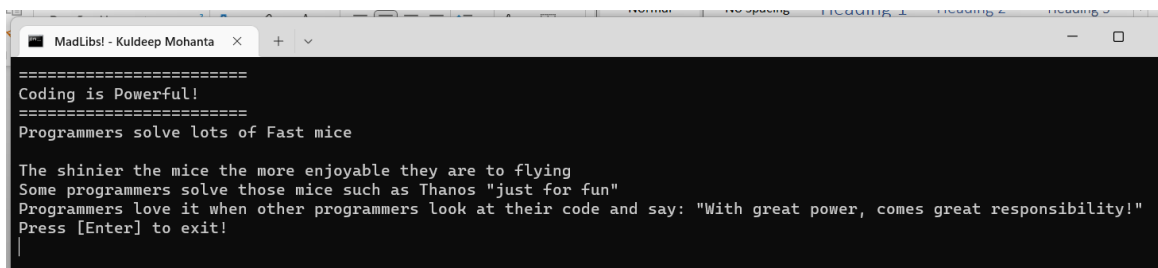
```
MadLibs! - Kuldeep Mohanta
C:\Users\badbo\Documents\GitHub\OOP\
=====
Mad Libs
=====
Please Enter an adjective: |
```

Context: When the JAR file initially starts up it displays “Mad Libs” as a welcome banner and it displays instructions for the user input (which in this case, it would be): “Please enter an adjective:”.

Phase 3 – Input Screen



```
MadLibs! - Kuldeep Mohanta
C:\Users\badbo\Documents\GitHub\OOP\ICE 4 - Mad Libs>java -jar "C:\Users\bad
libs.jar"
=====
Mad Libs
=====
Please Enter an adjective: Powerful
Please Enter an another adjective: Fast
Please Enter an comparison adjective: shinier
Please Enter a noun: Thanos
Please Enter a plural noun: mice
Please Enter a verb: flying
Please Enter a famous quote: With great power, comes great responsibility!
```



```
MadLibs! - Kuldeep Mohanta
=====
Coding is Powerful!
=====
Programmers solve lots of Fast mice

The shinier the mice the more enjoyable they are to flying
Some programmers solve those mice such as Thanos "just for fun"
Programmers love it when other programmers look at their code and say: "With great power, comes great responsibility!"
Press [Enter] to exit!
```

Context: 1st set of input data following the prompts that are displayed to the user

1st set of inputs entered in order: Powerful, Fast, shinier, Thanos, mice, flying, With great power, comes great responsibility

```
MadLibs! - Kuldeep Mohanta x + v
C:\Users\badbo\Documents\GitHub\OOP\ICE 4 - Mad Libs>java -jar "C:\User
libs.jar"
=====
Mad Libs
=====
Please Enter an adjective: Beautiful
Please Enter an another adjective: awful
Please Enter an comparison adjective: scarier
Please Enter a noun: Potato
Please Enter a plural noun: Apples
Please Enter a verb: exploding
Please Enter a famous quote: If you're going through hell, keep going|
```

```
MadLibs! - Kuldeep Mohanta x + v
=====
Coding is Beautiful!
=====
Programmers solve lots of awful Apples

The scarier the Apples the more enjoyable they are to exploding
Some programmers solve those Apples such as Potato "just for fun"
Programmers love it when other programmers look at their code and say: "If you're going through hell, keep going"
Press [Enter] to exit!
```

Context: 2nd set of input data following the prompts that are displayed to the user

2nd Set of input data in order: Beautiful, awful, scarier, Potato, Apples, exploding, If you're going through hell, keep going

Part 5 – Answer the Questions

Question 1) When is the code within a method executed?

Within Java, a method's code is executed when the method is called through specifically asking the name of the method and passing (if applicable) valid arguments.

Question 2) In Java, what does the keyword void mean when declaring a method?

In Java, when a method is declared with void, it means to define the return type of the method – which in this case would be that “void” methods do not return values. So, when calling these methods, they simply output whatever code is within the function, they do not produce code/results that can be used elsewhere within an application

Question 3) What does the keyword return mean when writing a method?

When writing a method, using the keyword “return” would signify that a method is returning a value. It is also important to note that within Java, the method must return the same kind of data that it uses. With that said, it is understood that the “return” line would define the last line of the method, so any code written after this line will not be executed.

Question 4) What methods did we write in this ICE?

Void print(String prompt)

- Used this method to recreate the usage of the print() function similar to how it is used in Python

Void printbanner (String title)

- This method is used to print a formatted banner based on variables that are inputted from the user

Void main

- **Main** method that the application was written within. It utilized the other methods to create the Mad Libs program.