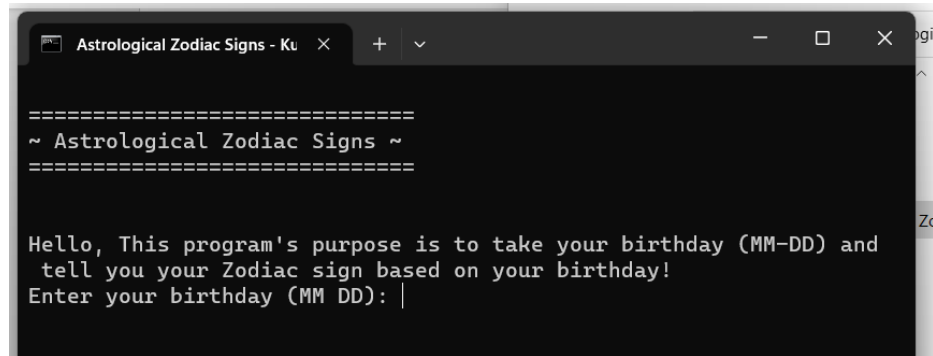


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Lab 1 – Astrological Zodiac Signs

Part 2 Initial Screen

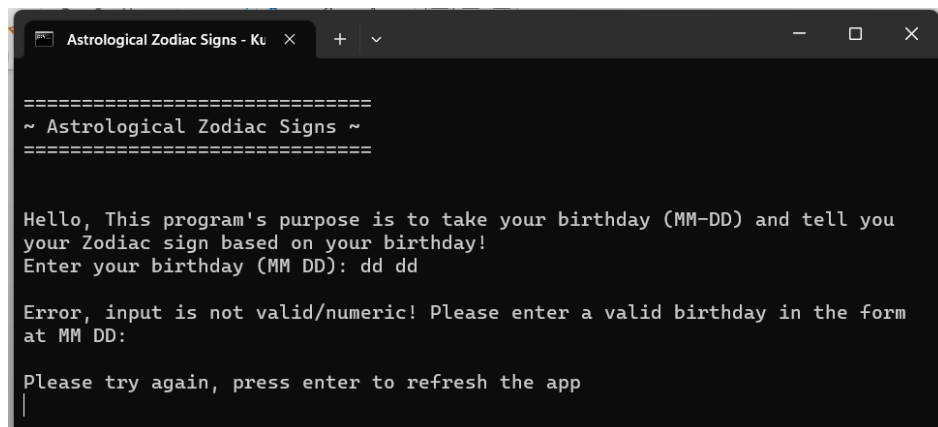
A screenshot of a terminal window titled "Astrological Zodiac Signs - Ku". The terminal displays a banner with a tilde (~) and the text "Astrological Zodiac Signs ~" between two lines of equals signs. Below the banner, a message reads: "Hello, This program's purpose is to take your birthday (MM-DD) and tell you your Zodiac sign based on your birthday!". This is followed by a prompt "Enter your birthday (MM DD):" with a cursor at the end.

```
=====
~ Astrological Zodiac Signs ~
=====

Hello, This program's purpose is to take your birthday (MM-DD) and
tell you your Zodiac sign based on your birthday!
Enter your birthday (MM DD): |
```

Screenshot 1

Context: As the application opens, the user is presented with the program's banner as well as a description of what the application is intended to do. The user is then given a prompt for what kind of input they are expected to give.

A screenshot of the same terminal window showing an error. The banner and initial message are the same as in Screenshot 1. The prompt "Enter your birthday (MM DD):" has been followed by the user input "dd dd". Below this, an error message is displayed: "Error, input is not valid/numeric! Please enter a valid birthday in the form at MM DD:". This is followed by a message: "Please try again, press enter to refresh the app" with a cursor at the end.

```
=====
~ Astrological Zodiac Signs ~
=====

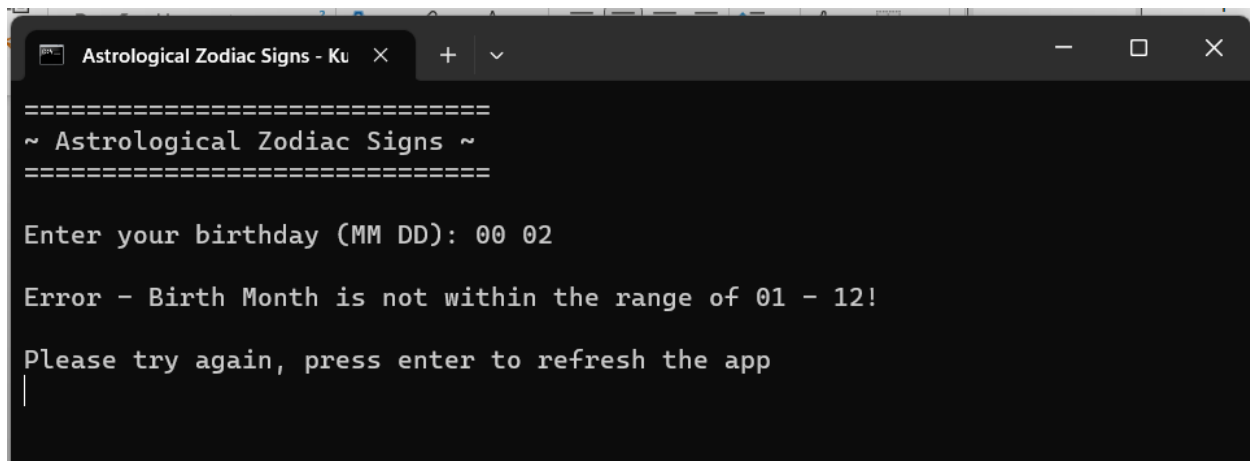
Hello, This program's purpose is to take your birthday (MM-DD) and tell you
your Zodiac sign based on your birthday!
Enter your birthday (MM DD): dd dd

Error, input is not valid/numeric! Please enter a valid birthday in the form
at MM DD:

Please try again, press enter to refresh the app
|
```

Screenshot 2

Context: The user had entered invalid input (non-numeric) and the program gave them an appropriate error message; the program then informs the user on how to refresh the application to try again



```
=====
~ Astrological Zodiac Signs ~
=====

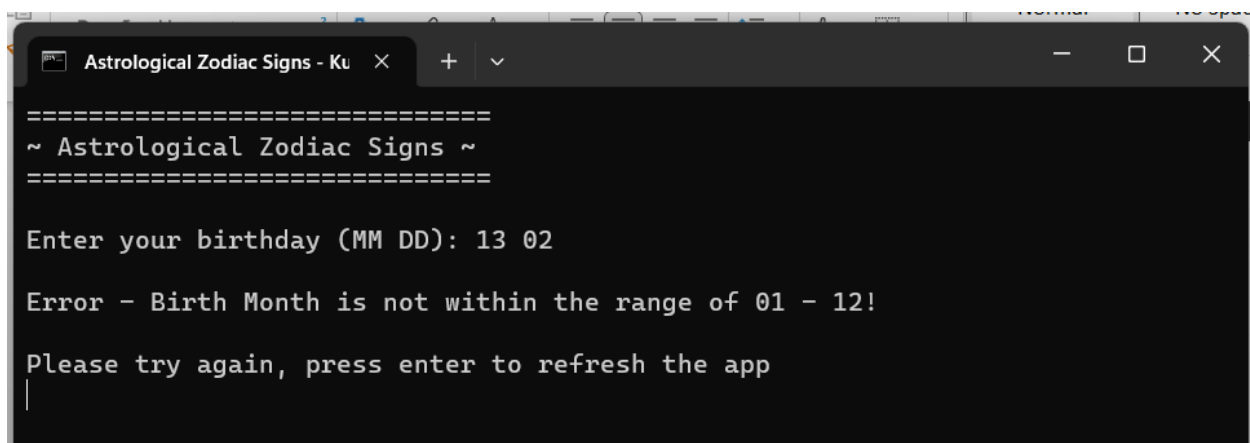
Enter your birthday (MM DD): 00 02

Error - Birth Month is not within the range of 01 - 12!

Please try again, press enter to refresh the app
|
```

Screenshot 3

Context: The user had entered a month that was (too low) out of bounds of the acceptable month range for the program. The user was informed through an error display, and they were asked to refresh the application.



```
=====
~ Astrological Zodiac Signs ~
=====

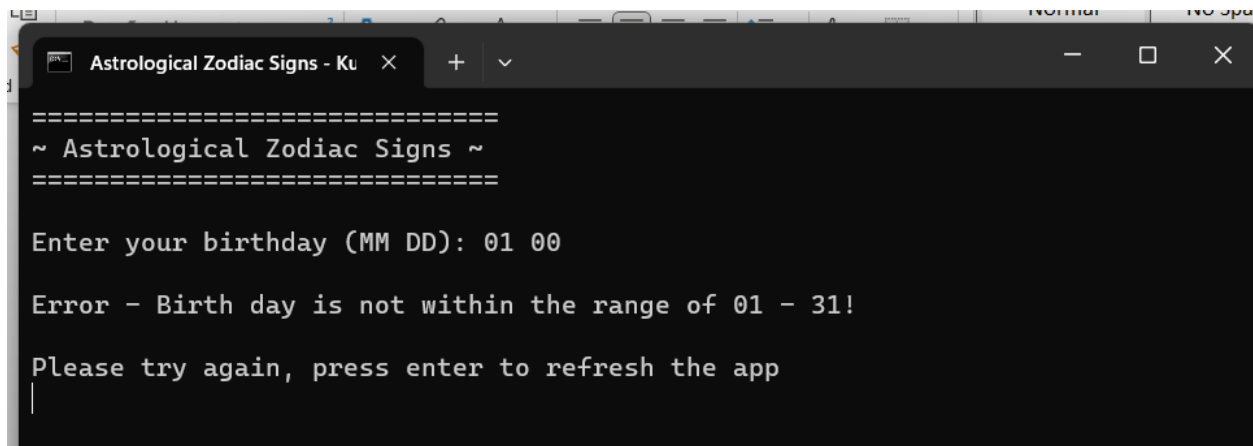
Enter your birthday (MM DD): 13 02

Error - Birth Month is not within the range of 01 - 12!

Please try again, press enter to refresh the app
|
```

Screenshot 4

Context: The user had entered a month that was (too high) out of bounds of the acceptable month range for the program. The user was informed through an error display, and they were asked to refresh the application.



```
=====
~ Astrological Zodiac Signs ~
=====

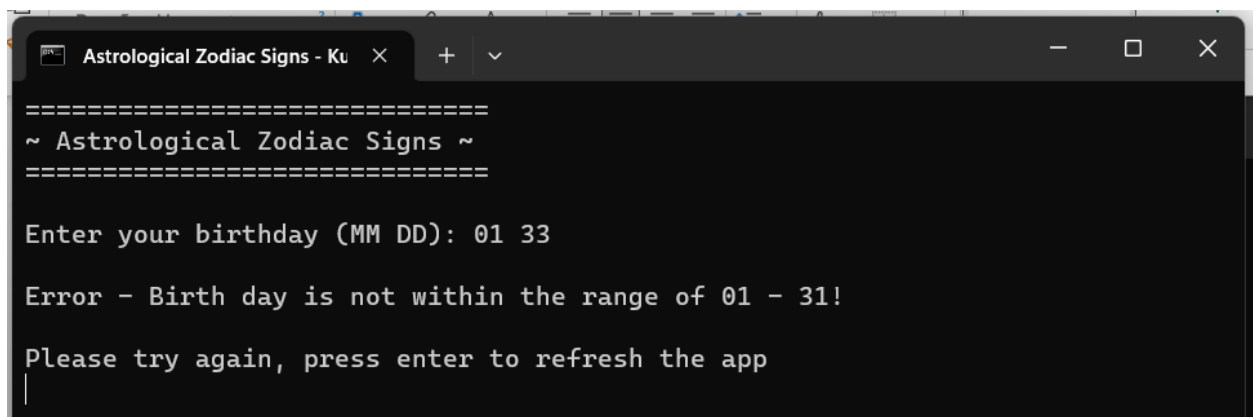
Enter your birthday (MM DD): 01 00

Error - Birth day is not within the range of 01 - 31!

Please try again, press enter to refresh the app
|
```

Screenshot 5

Context: The user had entered a date that was (too low) out of bounds of the acceptable date range for the program. The user was informed through an error display, and they were asked to refresh the application.



```
=====
~ Astrological Zodiac Signs ~
=====

Enter your birthday (MM DD): 01 33

Error - Birth day is not within the range of 01 - 31!

Please try again, press enter to refresh the app
|
```

Screenshot 6

Context: The user had entered a date that was (too high) out of bounds of the acceptable date range for the program. The user was informed through an error display, and they were asked to refresh the application.

A terminal window titled "Astrological Zodiac Signs - Ku" with standard window controls. The text inside the terminal is as follows:

```
=====  
~ Astrological Zodiac Signs ~  
=====  
  
Hello, This program's purpose is to take your birthday (MM-DD) and tell you  
your Zodiac sign based on your birthday!  
Enter your birthday (MM DD): |
```

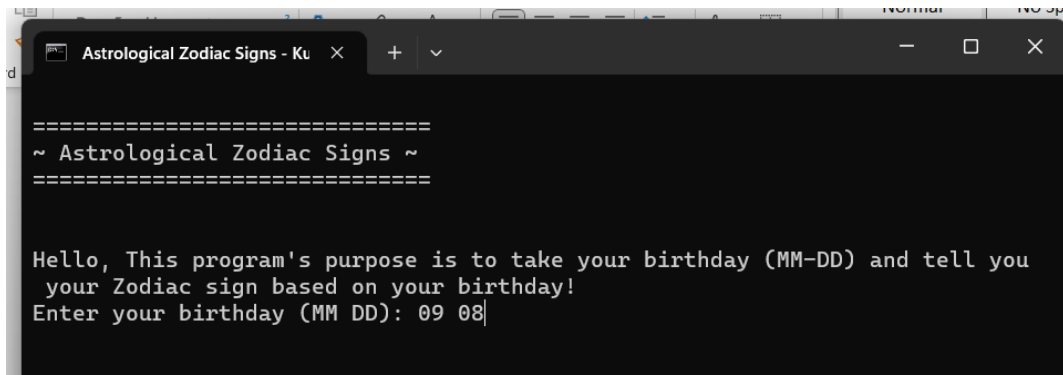
Output

A terminal window titled "Astrological Zodiac Signs - Ku" with standard window controls. The text inside the terminal is as follows:

```
=====  
~ Astrological Zodiac Signs ~  
=====  
Your Zodiac sign based on your birthday (01 02) is: Capricorn  
Press [Enter] to exit: |
```

Screenshot 7

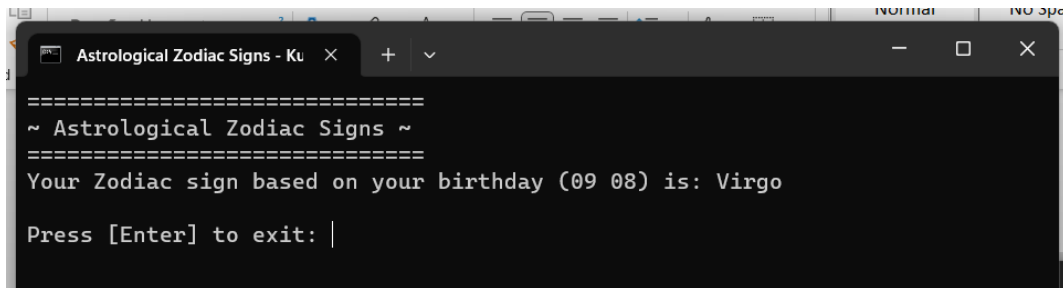
Context: The user had entered correct input on the applications requirements and was given a successful message with their zodiac sign.



```
=====
~ Astrological Zodiac Signs ~
=====

Hello, This program's purpose is to take your birthday (MM-DD) and tell you
your Zodiac sign based on your birthday!
Enter your birthday (MM DD): 09 08|
```

Output



```
=====
~ Astrological Zodiac Signs ~
=====

Your Zodiac sign based on your birthday (09 08) is: Virgo

Press [Enter] to exit: |
```

Screenshot 8

Context: The user had entered correct input on the applications requirements and was given a successful message with their zodiac sign.