

## **FINAL PROJECT (SCREENSHOTS)**

### Group 7

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Professor: Tony Joseph

Due Date: 2022-12-12

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2. A screenshot showing what happens when the user enters an invalid value for either number. Show the message that is displayed to the user.

```
PowerShell X + v
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> Python .\Project_GN_7.py

-----
//////////////////// THE CALCULATOR APP \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
-----

                Select An Operation

                    (1) Add
                    (2) Subtract
                    (3) Multiply
                    (4) Divide

-----

                Your Choice (1, 2, 3 or 4): 3

                You chose multiplication operation!

-----

                Enter first number for multiplication: e

The program is expecting two numeric values! Please Try Again with Whole or decimal numbers.

                Enter first number for multiplication: 2

                Enter second number for multiplication: e

The program is expecting two numeric values! Please Try Again with Whole or decimal numbers.

                Enter first number for multiplication: 2

                Enter second number for multiplication: 3

-----

                Here is your result: 2.0 X 3.0 = 6.0

-----
//////////////////// THANK YOU FOR USING THE CALCULATOR APP \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
-----
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> |
```

3. A screenshot showing the “Cannot divide by zero” message that gets displayed to the user after the user selects division as the operation but then provides 0 as the second number.

```
PowerShell
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> Python .\Project_GN_7.py

=====
//////////////////// THE CALCULATOR APP \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
=====

                Select An Operation

                (1) Add
                (2) Subtract
                (3) Multiply
                (4) Divide

=====

                Your Choice (1, 2, 3 or 4): 4

                You chose division operation!

=====

                Enter first number for division: 200

                Enter second number for division: 0

=====

                Exception Occurred: Cannot Divide By Zero!

=====
//////////////////// THANK YOU FOR USING THE CALCULATOR APP \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
=====
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> |
```

4. A screenshot of the script output in the scenario when the user provides all valid values – both when choosing an operation and for the two numbers

```
PowerShell
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> Python .\Project_GN_7.py

//////////////////////////////////////////////////////////////// THE CALCULATOR APP \\\\

Select An Operation

    (1) Add
    (2) Subtract
    (3) Multiply
    (4) Divide

Your Choice (1, 2, 3 or 4): 1
You chose addition operation!

Enter first number for addition: -400.80
Enter second number for addition: 2000.877

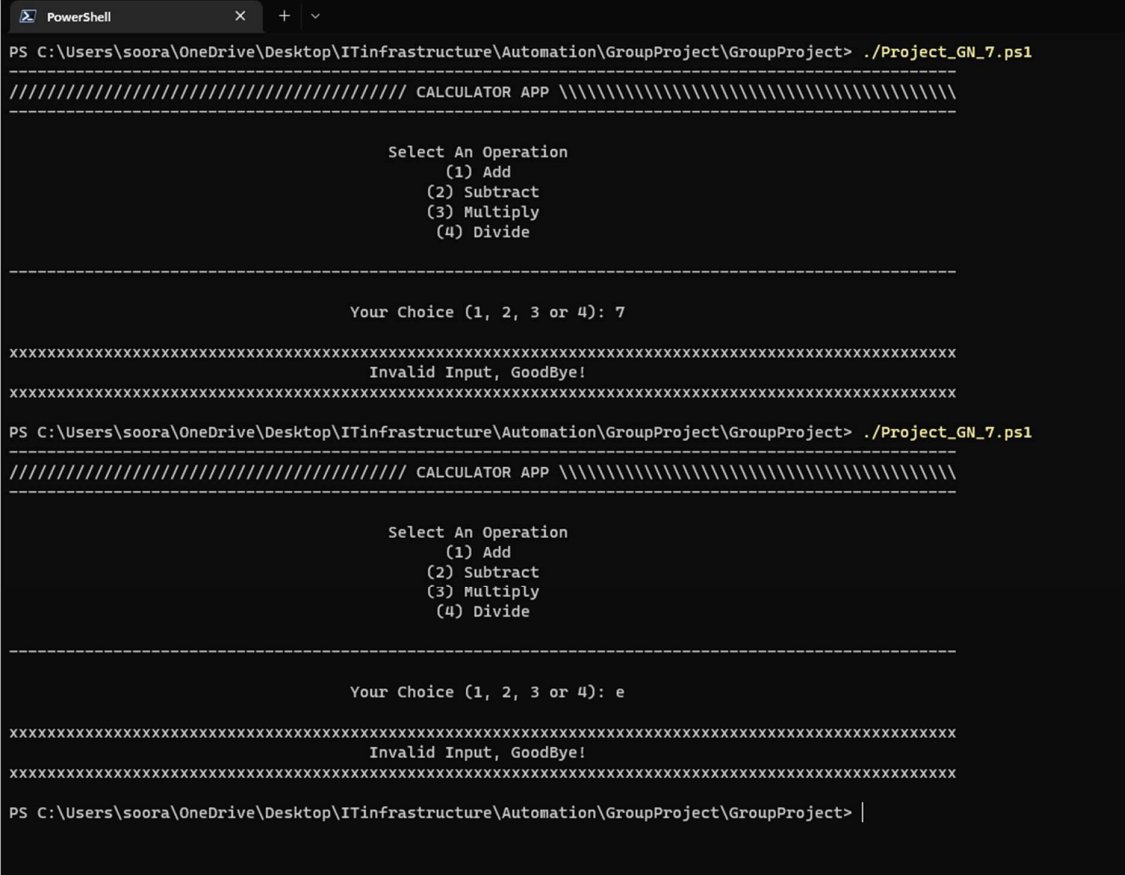
Here is your result: -400.8 + 2000.88 = 1600.08

//////////////////////////////////////////////////////////////// THANK YOU FOR USING THE CALCULATOR APP \\\\

PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> |
```

## CALCULATOR PROGRAM - POWERSHELL

1. A screenshot showing the “Invalid Value” message that is displayed after the user enters an invalid value for the operation, after which the program ends.



```
PowerShell
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> ./Project_GN_7.ps1
//////////////////////////////////// CALCULATOR APP //////////////////////////////////////

Select An Operation
(1) Add
(2) Subtract
(3) Multiply
(4) Divide

-----

Your Choice (1, 2, 3 or 4): 7

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Invalid Input, GoodBye!
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> ./Project_GN_7.ps1
//////////////////////////////////// CALCULATOR APP //////////////////////////////////////

Select An Operation
(1) Add
(2) Subtract
(3) Multiply
(4) Divide

-----

Your Choice (1, 2, 3 or 4): e

XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
Invalid Input, GoodBye!
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> |
```

2. A screenshot showing what happens when the user enters an invalid value for either number. Show the message that is displayed to the user.

```
PowerShell
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> ./Project_GN_7.ps1

//////////////////////////////////// CALCULATOR APP //////////////////////////////////////

Select An Operation
(1) Add
(2) Subtract
(3) Multiply
(4) Divide

-----

Your Choice (1, 2, 3 or 4): 3

You chose multiplication

-----

Enter first number for multiplication: e

The program is expecting two numeric values! Please Try Again with Whole or decimal numbers.

-----

Enter first number for multiplication: 5

Enter second number for multiplication: random

The program is expecting two numeric values! Please Try Again with Whole or decimal numbers.

-----

Enter first number for multiplication: 5

Enter second number for multiplication: 3

-----

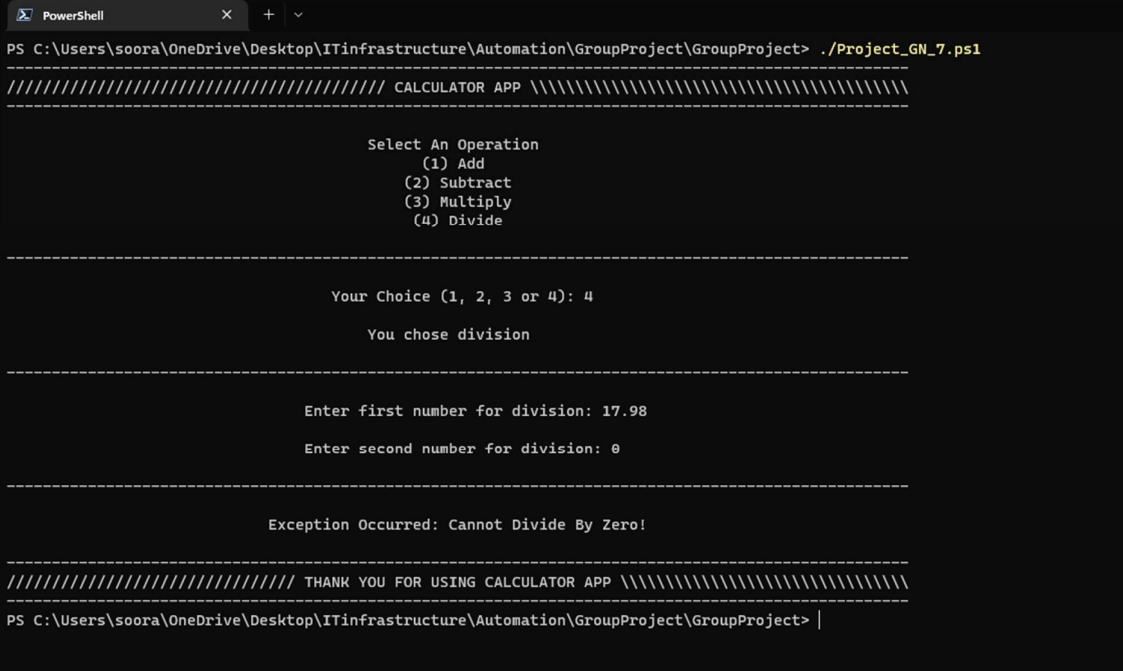
Here is your result: 5 X 3 = 15

//////////////////////////////////// THANK YOU FOR USING CALCULATOR APP //////////////////////////////////////

PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> |
```

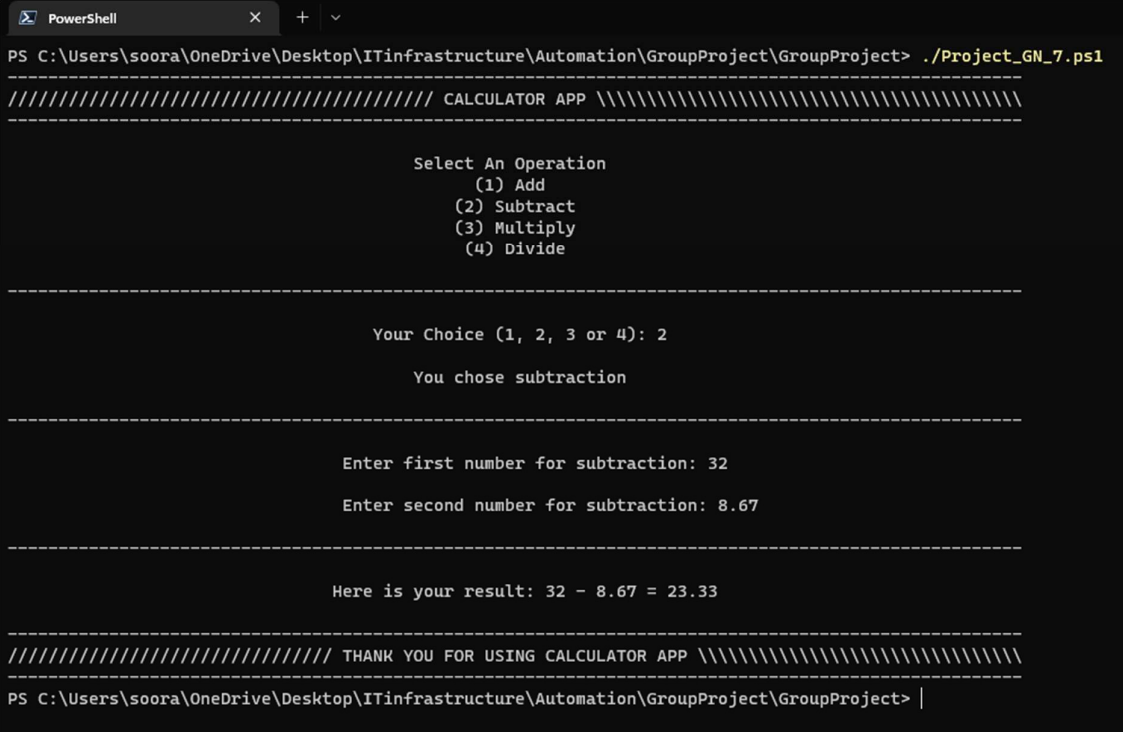


3. A screenshot showing the “Cannot divide by zero” message that gets displayed to the user after the user selects division as the operation but then provides 0 as the second number.



```
PowerShell
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> ./Project_GN_7.ps1
//////////////////////////////////// CALCULATOR APP //////////////////////////////////////
-----
                Select An Operation
                (1) Add
                (2) Subtract
                (3) Multiply
                (4) Divide
-----
                Your Choice (1, 2, 3 or 4): 4
                You chose division
-----
                Enter first number for division: 17.98
                Enter second number for division: 0
-----
                Exception Occurred: Cannot Divide By Zero!
-----
//////////////////////////////////// THANK YOU FOR USING CALCULATOR APP //////////////////////////////////////
-----
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> |
```

4. A screenshot of the script output in the scenario when the user provides all valid values – both when choosing an operation and for the two numbers



```
PowerShell
PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> ./Project_GN_7.ps1

//////////////////////////////////// CALCULATOR APP //////////////////////////////////////

Select An Operation
(1) Add
(2) Subtract
(3) Multiply
(4) Divide

-----

Your Choice (1, 2, 3 or 4): 2

You chose subtraction

-----

Enter first number for subtraction: 32
Enter second number for subtraction: 8.67

-----

Here is your result: 32 - 8.67 = 23.33

//////////////////////////////////// THANK YOU FOR USING CALCULATOR APP //////////////////////////////////////

PS C:\Users\soora\OneDrive\Desktop\ITInfrastructure\Automation\GroupProject\GroupProject> |
```