

## CS605 Assignment#1 Simple Calculator

### Screenshots of the program working in terminal

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```
PS C:\Users\rtiwari2\Documents\hw01_CS605> py calculator.py
```

```
Enter the first number: 4
```

```
Enter the second number: 2
```

```
Select an operation:
```

```
1. Addition
```

```
2. Subtraction
```

```
3. Multiplication
```

```
4. Division
```

```
Enter your choice (1/2/3/4): 4
```

```
--- Result ---
```

```
4.0 / 2.0 = 2.0
```

```
Would you like to perform another operation? (yes/no): no
```

```
see ya bye!
```

```
PS C:\Users\rtiwari2\Documents\hw01_CS605> █
```

```
see ya bye!  
PS C:\Users\ratiwari2\Documents\hw01_CS605> py calculator.py  
  
Enter the first number: 8  
Enter the second number: 8  
  
Select an operation:  
1. Addition  
2. Subtraction  
3. Multiplication  
4. Division  
Enter your choice (1/2/3/4): 3  
  
--- Result ---  
8.0 * 8.0 = 64.0  
  
Would you like to perform another operation? (yes/no): no  
see ya bye!  
PS C:\Users\ratiwari2\Documents\hw01_CS605>
```

```
PS C:\Users\ratiwari2\Documents\hw01_CS605> py calculator.py  
  
Enter the first number: 4  
Enter the second number: 2  
  
Select an operation:  
1. Addition  
2. Subtraction  
3. Multiplication  
4. Division  
Enter your choice (1/2/3/4): 2  
  
--- Result ---  
4.0 - 2.0 = 2.0  
  
Would you like to perform another operation? (yes/no): no  
see ya bye!  
PS C:\Users\ratiwari2\Documents\hw01_CS605>
```

```
PS C:\Users\ratiwari2\Documents\hw01_CS605> py calculator.py

Enter the first number: 47657
Enter the second number: 76574

Select an operation:
1. Addition
2. Subtraction
3. Multiplication
4. Division
Enter your choice (1/2/3/4): 1

--- Result ---
47657.0 + 76574.0 = 124231.0

Would you like to perform another operation? (yes/no): no
see ya bye!
PS C:\Users\ratiwari2\Documents\hw01_CS605> █
```

```
PS C:\Users\ratiwari2\Documents\hw01_CS605> py calculator.py

Enter the first number: 3
Enter the second number: 4

Select an operation:
1. Addition
2. Subtraction
3. Multiplication
4. Division
Enter your choice (1/2/3/4): 5

--- Result ---
Error: Invalid choice. Please enter 1, 2, 3, or 4.

Would you like to perform another operation? (yes/no): █
```

```
PS C:\Users\rtiwari2\Documents\hw01_CS605> py calculator.py
```

```
Enter the first number: 5
```

```
Enter the second number: 0
```

```
Select an operation:
```

```
1. Addition
```

```
2. Subtraction
```

```
3. Multiplication
```

```
4. Division
```

```
Enter your choice (1/2/3/4): 4
```

```
--- Result ---
```

```
Error: Cannot divide by zero.
```

```
Would you like to perform another operation? (yes/no): no
```

```
see ya bye!
```

```
PS C:\Users\rtiwari2\Documents\hw01_CS605> █
```

```
PS C:\Users\rtiwari2\Documents\hw01_CS605> py calculator.py
```

```
Enter the first number: a
```

```
Error: Please enter valid numeric values.
```

```
Would you like to perform another operation? (yes/no): █
```