K. R. Mangalam University

School of Engineering & Technology

Assignment

Course code:ETCCCP105

Course Name: Computer Science Fundamentals &

Career Pathways

Programme: B.Tech CSE (Specialization in AI & ML)
Semester: 1

Submitted To:
Mr. Rajesh sir

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Date of Submission: 23 /11/2025

Project Overview

This project implements a basic command-line calculator in Python. The calculator provides the four fundamental arithmetic operations: addition, subtraction, multiplication, and division. The program utilizes functions to encapsulate each operation, a while loop for continuous use, and includes basic error handling to prevent crashes from non-numeric input (ValueError) and division by zero.

VS Code Output
Testing Screenshot

```
PS C:\Users\Heman\OneDrive\Documents\python> & C:/Users/Heman/Downloads/ancode/python.exe
Enter first number: 36
Enter second number: 64
Enter operation (+, -, *, /): +
The sum is: 100.0
PS C:\Users\Heman\OneDrive\Documents\python>
```

```
PS C:\Users\Heman\OneDrive\Documents\python> & C:/Users/Heman/Downloads/ancode/python.exe
Enter first number: 64
Enter second number: 0
Enter operation (+, -, *, /): /
Error: Division by zero is not allowed.
PS C:\Users\Heman\OneDrive\Documents\python>
```