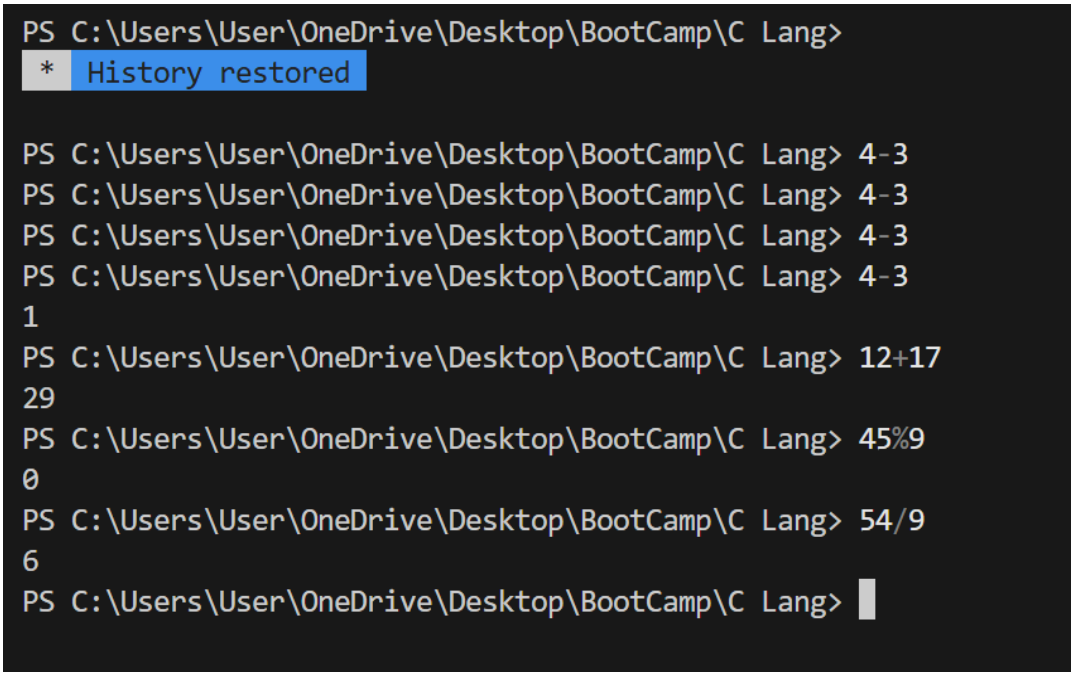
Command-Line Calculator Project

This project implements a simple command-line calculator in Python. It supports basic arithmetic operations such as addition, subtraction, multiplication, and division. The user inputs expressions in the format *number operator number*, and the calculator processes and displays the result. Invalid inputs and division by zero are handled gracefully.

Execution Screenshot:



Source Code (calculator.py):

```
def add(a, b): return a + b def subtract(a, b): return a - b def multiply(a, b): return
a * b def divide(a, b): if b == 0: return "Error: Division by zero!" return a / b def
calculator(): print("=== Command-Line Calculator ===") print("Available operations: +,
-, *, /") print("Type 'exit' to quit.\n") while True: expression = input("Enter
calculation (e.g., 5 + 3): ") if expression.lower() == "exit": print("Goodbye!") break
parts = expression.split() if len(parts) != 3: print("Invalid input format. Use: number
operator number (e.g., 5 + 3)") continue try: num1 = float(parts[0]) operator = parts[1]
num2 = float(parts[2]) except ValueError: print("Invalid numbers. Please enter numeric
values.") continue if operator == "+": result = add(num1, num2) elif operator == "-":
result = subtract(num1, num2) elif operator == "*": result = multiply(num1, num2) elif
operator == "/": result = divide(num1, num2) else: result = "Invalid operator!"
print("Result:", result, "\n") if __name__ == "__main__": calculator()
```