Operating Systems Project
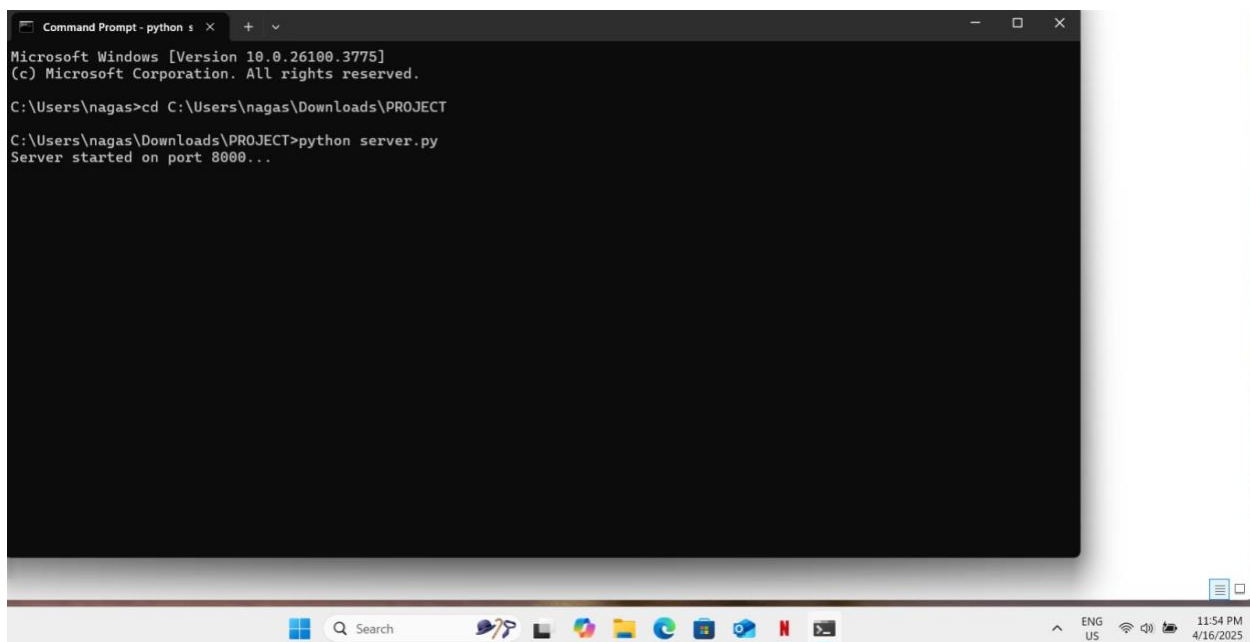
Group Members:

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Screenshots

Starting Server

Client

```
PS C:\Users\nagas> cd C:\Users\nagas\Downloads\PROJECT
PS C:\Users\nagas\Downloads\PROJECT> python interactive_client.py

--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5):
```

magicAdd(a, b) Option 1

```
--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5): 1
Enter first number: 7
Enter second number: 8
Result: 7.0 + 8.0 = 15.0

--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5): 5
Operation Counters: {'add': 1, 'subtract': 0, 'min': 0, 'max': 0}

--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5):
```

magicSubtract(a, b) Option 2

```
--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5): 2
Enter first number: -9
Enter second number: 7
Result: -9.0 - 7.0 = -16.0

--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5):
```

magicFindMin(a, b, c) Option 3

```
--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5): 3
Enter first integer: 6
Enter second integer: 9
Enter third integer: 4
Minimum of (6, 9, 4) is: 4

--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5):
```

magicFindMax(a, b, c) Option 4

```
--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5): 4
Enter first integer: 6
Enter second integer: 45
Enter third integer: 1000
Maximum of (6, 45, 1000) is: 1000

--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5):
```

Exiting client (option 0)

```
Enter second integer: 45
Enter third integer: 1000
Maximum of (6, 45, 1000) is: 1000

--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5): 0
Exiting client.
PS C:\Users\nagas\Downloads\PROJECT>
```
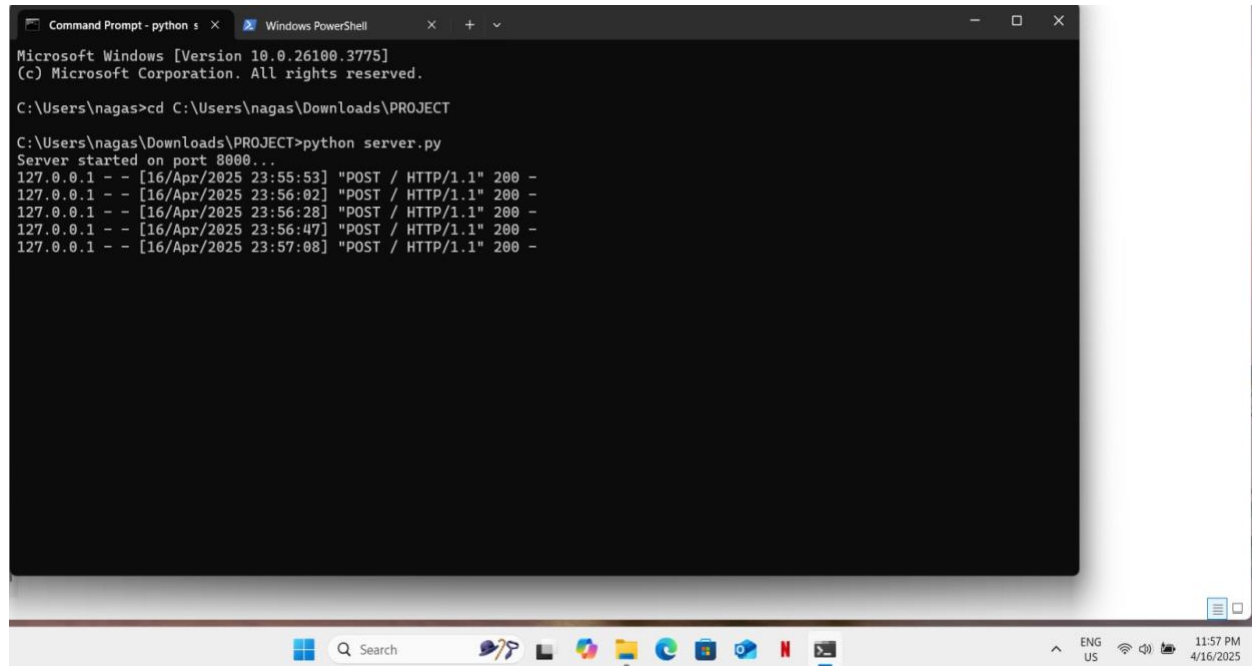
Show Operation Counters(Option 5)

```
--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5): 1
Enter first number: 7
Enter second number: 8
Result: 7.0 + 8.0 = 15.0

--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5): 5
Operation Counters: {'add': 1, 'subtract': 0, 'min': 0, 'max': 0}

--- Math RPC Client Menu ---
1. magicAdd(a, b)
2. magicSubtract(a, b)
3. magicFindMin(a, b, c)
4. magicFindMax(a, b, c)
5. Show operation counters
0. Exit
Choose an option (0-5):
```

Server