

# EXPERIMENT-1

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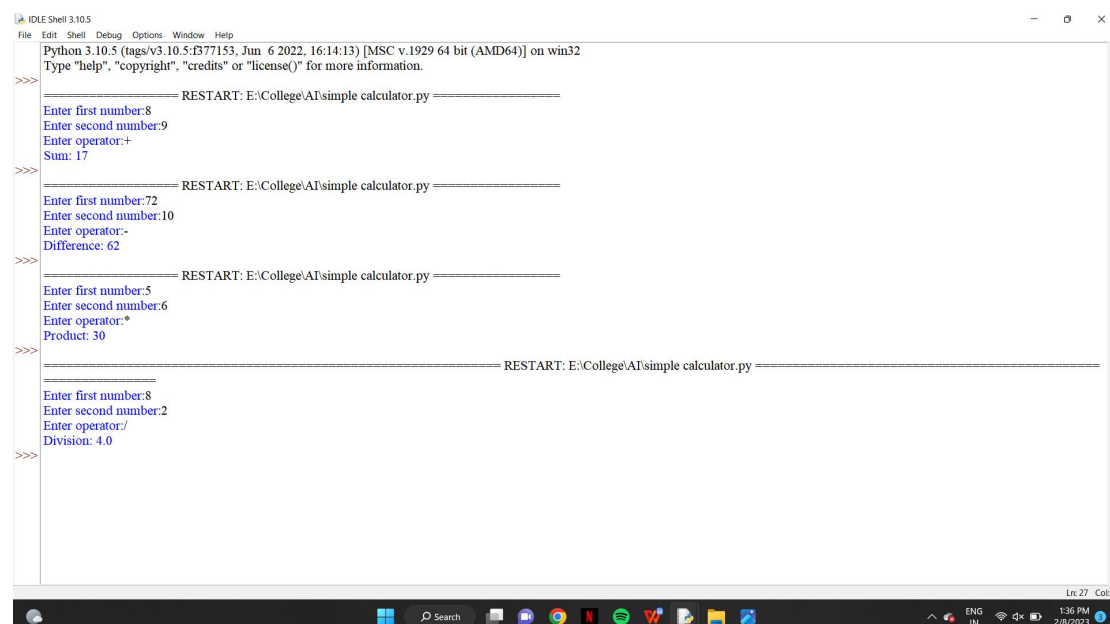
Course: CSA1789 Artificial Intelligence

Q) Write a python program to implement Simple Calculator program?

Program:

```
def add(a,b):
    return a+b
def sub(a,b):
    return a-b
def mul(a,b):
    return a*b
def div(a,b):
    return a/b
r=int(input("Enter first number:"))
s=int(input("Enter second number:"))
o=input("Enter operator:")
if o=="+":
    print("Sum:", add(r,s))
elif o=="-":
    print("Difference:",sub(r,s))
elif o=="*":
    print("Product:",mul(r,s))
else:
    print("Division:",div(a,b))
```

OUTPUT:



```
Python 3.10.5 (tags/v3.10.5:1377153, Jun 6 2022, 16:14:13) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: E:\College\AI\simple calculator.py =====
Enter first number:8
Enter second number:9
Enter operator:+
Sum: 17
>>>
===== RESTART: E:\College\AI\simple calculator.py =====
Enter first number:72
Enter second number:10
Enter operator:-
Difference: 62
>>>
===== RESTART: E:\College\AI\simple calculator.py =====
Enter first number:5
Enter second number:6
Enter operator:*
Product: 30
>>>
===== RESTART: E:\College\AI\simple calculator.py =====
Enter first number:8
Enter second number:2
Enter operator:/
Division: 4.0
>>>
```

