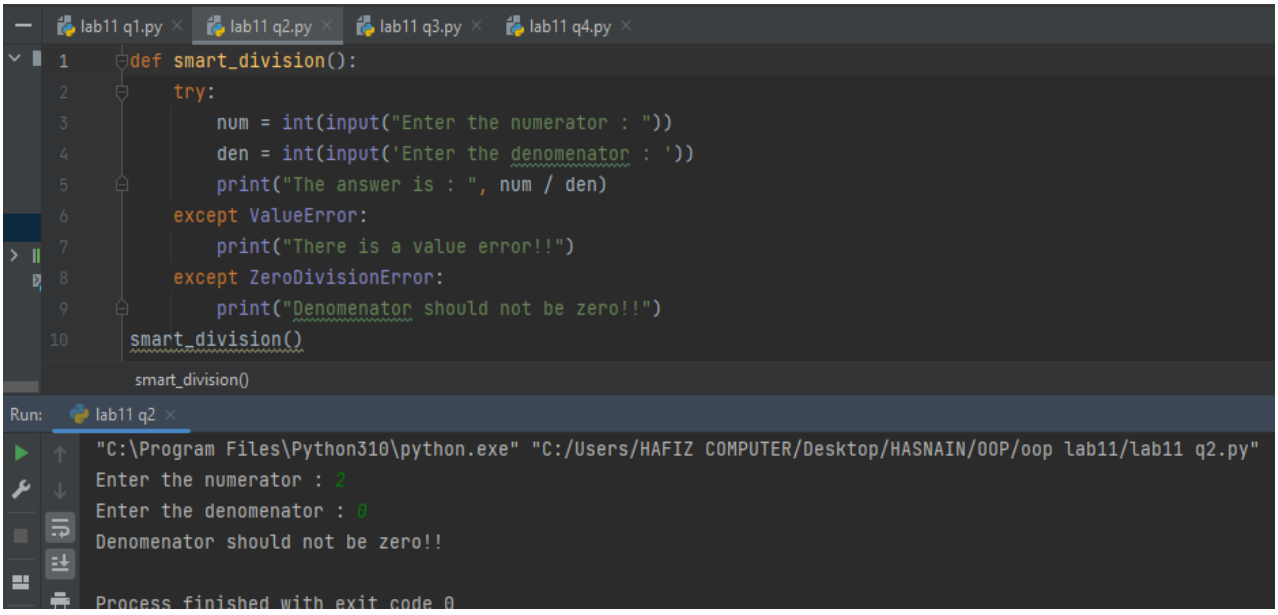

lab11 q1.py
lab11 q2.py
lab11 q3.py
lab11 q4.py
try:
edu = int(input("Enter your years of education : "))
if edu > 16 :
print("You are elegible!! ")
else :
print("You are not eleible!!")
except ValueError:
print("Invalid value! ")
Run:
lab11 q4
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/oop lab11/lab11 q4.py"
Enter your years of education : 14
You are not elligible!!
Process finished with exit code 0


lab11 q1.py
lab11 q2.py
lab11 q3.py
lab11 q4.py
def smart_division():
try:
num = int(input("Enter the numerator : "))
den = int(input('Enter the denomenator : '))
print("The answer is : ", num / den)
except ValueError:
print("There is a value error!!")
except ZeroDivisionError:
print("Denomenator should not be zero!!")
smart_division()
smart_division()
Run:
lab11 q2
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/oop lab11/lab11 q2.py"
Enter the numerator : 2
Enter the denomenator : 0
Denomenator should not be zero!!
Process finished with exit code 0

lab11 q1.py | lab11 q2.py | lab11 q3.py | lab11 q4.py

```python
class negative_Value(Exception):
    pass
def factorial():
    try:
        n = int(input("Enter te value for its factorial: "))
        if n == 1 :
            return 1
        elif n <= 0 :
            raise negative_Value
        else:
            print("The answer is : ",n*(n-1))
    except ValueError:
        print("There is a value erorr!!")
    except negative_Value :
        print("negative  value has no factorial!!")
factorial()
```

factorial() › try › elif n <= 0

lab11 q3

```
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/oop lab11/lab11 q3.py"
Enter te value for its factorial: -5
negative  value has no factorial!!

Process finished with exit code 0
```

lab11 q1.py | lab11 q2.py | lab11 q3.py | lab11 q4.py

```python
class under_education(Exception):
    pass
def education():
    try:
        edu = int(input("Enter your years of education : "))
        if edu > 16:
            print("You are elegible!! ")
        else:
            raise under_education()
    except ValueError:
        print("Invalid value! ")
    except under_education:
        print("You are not elligible!!")
education()
```

education() › try

lab11 q4

```
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/oop lab11/lab11 q4.py"
Enter your years of education : 15
You are not elligible!!

Process finished with exit code 0
```

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