

```
lab9 q1.py x lab9 q2.py x lab9 q3.py x
1 def division(num,den):
2     print(int(num/den))
3
4     division(15,3)]
> ||
Run: lab9 q1 x
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/lab9/lab9 q1.p
5
```

```
lab9 q1.py x lab9 q2.py x lab9 q3.py x
1 def Division_decorator(func):
2
3     def divisor(num,den):
4         if den == 0:
5             print("Divison by 0 is not possible!!!")
6         else:
7             func(num,den)
8
9     return divisor
10 @Division_decorator
11 def division(num,den):
12     print(int(num/den))
13     division(15,0)
14
lab9 q2 x
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/lab9/lab9 q2.py"
Divison by 0 is not possible!!!
```

```
lab9 q1.py x lab9 q2.py x lab9 q3.py x
1 def decorator_x(func):
2     def wrapper():
3         print_x()
4         func()
5         print_x()
6     return wrapper
7 def decorator_y(func):
8     def wrapper():
9         print_y()
10        func()
11        print_y()
12    return wrapper
13 def print_x():
14     print("X"*5)
15 def print_y():
16     print("Y"*5)
17 @decorator_x
18 @decorator_y
19 def printhello():
20     print("Hello world")
21 printhello()
decorator_y() > wrapper()
lab9 q3 x
"C:\Program Files\Python310\python.exe" "C:/Users/HAFIZ COMPUTER/Desktop/HASNAIN/OOP/lab9/lab9 q3.py"
XXXXX
YYYYY
Hello world
YYYYY
XXXXX
```