

python > day7 > task > task4.py > ...

```
1  # Task:1
2  num = float(input("Enter a number: "))
3  if num > 0:
4      print("The number is Positive.")
5  elif num < 0:
6      print("The number is Negative.")
7  else:
8      print("The number is Zero.")
9
10
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
PS D:\karka> & 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python.exe' 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python.exe' -u -d 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python.exe' --debugpy-2025.8.0-win32-x64\bundled\libs\debugpy\launcher' '54975' '--' 'd:\karka\day7\task\task4.py'
Enter a number: 45
The number is Positive.
```

```
9
10 # Task 2:
11 num = int(input("Enter an integer: "))
12 if num % 2 == 0:
13     print("The number is Even.")
14 else:
15     print("The number is Odd.")
16
17
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\karka> & 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python.exe' 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python\ms-python.debugpy-2025.8.0-win32-x64\bundled\libs\debugpy\launcher' '54975' '--' 'd:\karka\python\day7\task7.py'
Enter a number: 45
The number is Positive.
PS D:\karka> ^C
PS D:\karka>
PS D:\karka> d;; cd 'd:\karka'; & 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python.exe' 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python\ms-python.debugpy-2025.8.0-win32-x64\bundled\libs\debugpy\launcher' '54979' '--' 'd:\karka\python\day7\task7.py'
Enter a number: 45
The number is Positive.
Enter an integer: 7
The number is Odd.
```

```
16
17 # Task 3:
18 base = int(input("Enter the base number: "))
19 exponent = int(input("Enter the exponent: "))
20 result = base ** exponent
21 print("Result:", result)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\karka> & 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\debugpy-2025.8.0-win32-x64\bundled\libs\debugpy\launcher' '54991' '--'
Enter the base number: 45
Enter the exponent: 5
Result: 184528125
```

```
22
23 # Task 4:
24 num1 = float(input("Enter the first number: "))
25 num2 = float(input("Enter the second number: "))
26 if num1 > num2:
27     print("The first number is greater.")
28 elif num2 > num1:
29     print("The second number is greater.")
30 else:
31     print("Both numbers are equal.")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\karka> & 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python.exe' 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python\debugpy-2025.8.0-win32-x64\bundled\libs\debugpy\launcher' '54991' '--' 'd:\karka\python\data.py'
Enter the base number: 45
Enter the exponent: 5
Result: 184528125
PS D:\karka> ^C
PS D:\karka>
PS D:\karka> d:; cd 'd:\karka'; & 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python\debugpy-2025.8.0-win32-x64\bundled\libs\debugpy\launcher' '54995' '--'
Enter the first number: 45
Enter the second number: 30
The first number is greater.
```

```
32
33 # Task 5:
34 year = int(input("Enter a year: "))
35 if (year % 4 == 0 and year % 100 != 0) or (year % 400 == 0):
36     print(year, "is a Leap Year.")
37 else:
38     print(year, "is Not a Leap Year.")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\karka> & 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python.exe' 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python.exe' -u -m debugpy-2025.8.0-win32-x64\bundled\libs\debugpy\launcher '54999' '--' 'd:\karka\Task 5.py'
Enter a year: 2005
2005 is Not a Leap Year.
PS D:\karka>
```



```
40
41 # Task 7:
42 age = int(input("Enter your age: "))
43 if age < 16:
44     print("You can't drive.")
45 elif age >= 16 and age <= 17:
46     print("You can drive but not vote.")
47 elif age >= 18 and age <= 24:
48     print("You can vote but not rent a car.")
49 else:
50     print("You can do pretty much anything.")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS D:\karka> & 'c:\Users\INDHUJA\AppData\Local\Programs\Python\Python313\python.
.debugpy-2025.8.0-win32-x64\bundled\libs\debugpy\launcher' '55039' '--' 'd:\karka
Enter your age: 20
You can vote but not rent a car.
```

```
53 #Task 8:
54 for num in range(1, 101):
55     if num % 3 == 0 and num % 5 == 0:
56         print("FizzBuzz")
57     elif num % 3 == 0:
58         print("Fizz")
59     elif num % 5 == 0:
60         print("Buzz")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
```


