

This screenshot shows the VS Code editor with the file explorer on the left. The file explorer shows a project structure for 'KARKA' with folders 'python', 'day1', 'day2', 'day3', 'day4', and 'day5'. Under 'day5', there are folders 'practice' and 'task'. The 'task' folder contains 'one.task.py' and 'task4.py'. The 'task4.py' file is open in the editor. The code in 'task4.py' is a simple program that prompts the user to enter a number and prints whether it is positive or negative. The terminal at the bottom shows the command 'python task4.py' being executed, and the output is '2 is a positive number'.

```
python > day5 > task > task4.py
1 #1
2 # a=int(input("enter a number:"))
3 # if a>0:
4 #     print(a,"is a positive number")
5 # else:
6 #     print(a,"is a negative number")
7
8 #2
9
```

```
PS D:\karka> cd python
PS D:\karka\python> cd day5
PS D:\karka\python\day5> cd task
PS D:\karka\python\day5\task> python task4.py
enter a number:2
2 is a positive number
PS D:\karka\python\day5\task>
```

This screenshot shows the VS Code editor with the file explorer on the left. The file explorer shows the same project structure as the first screenshot. The 'task4.py' file is open in the editor. The code in 'task4.py' is an extended version of the first program, which prompts the user to enter a number and prints whether it is positive, negative, even, or odd. The terminal at the bottom shows the command 'python task4.py' being executed, and the output is '2 is a even number'.

```
python > day5 > task > task4.py > ...
4 #     print(a,"is a positive number")
5 # else:
6 #     print(a,"is a negative number")
7
8 #2
9 a=int(input("enter a number:"))
10 if a%2==1:
11     print(a,"is a odd number")
12 if a%2==0:
13     print(a,"is a even number")
14
15
```

```
PS D:\karka> & C:/Users/ADMIN/AppData/Local/Programs/Python/Python313/python.exe d:/karka/python/day5/task/task4.py
enter a number:2
2 is a even number
PS D:\karka>
```

The screenshot shows the VS Code editor with a file explorer on the left and a code editor in the center. The file explorer shows a project structure with folders 'python', 'day1', 'practice', 'task', 'day2', 'day3', 'day4', 'day5', and 'task4.py'. The code editor shows a Python script named 'task4.py' with the following code:

```
python > day5 > task > task4.py > ...
14
15 #3
16 a=int(input("enter a number a:"))
17 b=int(input("enter a number b:"))
18 def exp(a,b):
19     print(a**b)
20 exp(a,b)
21
22
```

The terminal window at the bottom shows the output of the script, which includes a traceback error:

```
PS D:\karka> PS D:/Users/ADMIN/AppData/Local/Programs/Python/Python313/python.exe d:/karka/python/day5/task/tas
k4.py
enter a number a:2
enter a number b:2
Traceback (most recent call last):
  File "d:\karka\python\day5\task\task4.py", line 20, in <module>
    exp()
    ~~~~
TypeError: exp() missing 2 required positional arguments: 'a' and 'b'
PS D:\karka>
```

The screenshot shows the VS Code editor with the same file explorer and code editor. The code editor now shows a corrected Python script named 'task4.py' with the following code:

```
python > day5 > task > task4.py > ...
20 # exp(a,b)
21
22 #4
23 a=int(input("enter a number a:"))
24 b=int(input("enter a number b:"))
25 if a>b:
26     print("a is greater than b")
27 else:
28     print("b is greater than a")
29
30
31
```

The terminal window at the bottom shows the output of the script, which now runs correctly:

```
PS D:\karka> PS D:/Users/ADMIN/AppData/Local/Programs/Python/Python313/python.exe d:/karka/python/day5/task/tas
k4.py
enter a number a:1
enter a number b:2
b is greater than a
PS D:\karka>
```



This screenshot shows the Visual Studio Code editor with a Python file named `task4.py` open. The Explorer sidebar on the left shows a project structure with folders for `KARKA`, `python`, `day1`, `practice`, `task`, `day2`, `day3`, `day4`, and `day5`. The `task` folder is expanded, showing files like `one.task.py`, `three.py`, `task3.py`, `four.py`, `taskthree.py`, `pfivee.py`, and `task4.py`. The main editor displays the following Python code:

```
python > day5 > task > task4.py > ...
49
50 #7
51 t=int(input("enter your age"))
52 if t<16:
53     print("you can't drive")
54 elif t<17 and t>16:
55     print("you can drive but not vote")
56 elif t<24 and t>18:
57     print("you can drive and vote")
58 elif t>24:
59     print("you can do pretty much anything")
60
61
62
```

The TERMINAL panel at the bottom shows the command prompt output:

```
k4.py
PS D:\karka> & C:/Users/ADMIN/AppData/Local/Programs/Python/Python313/python.exe d:/karka/python/day5/task/tas
k4.py
k4.py
enter your age3
enter your age3
you can't drive
PS D:\karka>
```

This screenshot shows the Visual Studio Code editor with the same `task4.py` file open. The code has been updated to include a FizzBuzz implementation. The main editor displays the following Python code:

```
python > day5 > task > task4.py
57 #     print("you can drive and vote")
58 # elif t>24:
59 #     print("you can do pretty much anything")
60
61 #8
62 # k=int(input("enter a number:"))
```

The TERMINAL panel at the bottom shows the command prompt output:

```
~~~~~
ValueError: invalid literal for int() with base 10: 'C:/Users/ADMIN/AppData/Local/Programs/Python/Python313/
python.exe d:/karka/python/day5/task/task4.py'
PS D:\karka> & C:/Users/ADMIN/AppData/Local/Programs/Python/Python313/python.exe d:/karka/python/day5/task/tas
k4.py
enter a number:45
45 is fizz
PS D:\karka> & C:/Users/ADMIN/AppData/Local/Programs/Python/Python313/python.exe d:/karka/python/day5/task/tas
k4.py
enter a number:30
x,is fibbuzz
PS D:\karka>
```

