



The screenshot shows the Visual Studio Code editor with a file explorer on the left displaying a project structure under 'KARKA'. The 'task.py' file is open in the editor, containing the following Python code:

```
1 #p3
2 a=int(input("Enter a number"))
3 b=int(input("Enter a number"))
4 c=a+b
5 print(c)
```

The terminal at the bottom shows the execution of the script:

```
PS E:\karka> cd python
PS E:\karka\python> cd day5
PS E:\karka\python\day5> python task.py
Enter a number-90
NEGATIVE
PS E:\karka\python\day5> python task.py
Enter a number99
99 odd
PS E:\karka\python\day5> python task.py
Enter a number46
Enter a number4
447456
PS E:\karka\python\day5>
```

The status bar at the bottom indicates the file is 'Ln 5, Col 9', uses 'UTF-8' encoding, and is a '3.13.5 64-bit' Python script.

The screenshot shows the Visual Studio Code editor with the same project structure. The 'task.py' file is open, containing the following Python code:

```
1 #p4
2 x=int(input("Enter a number"))
3 y=int(input("Enter a number"))
4 if (x>y):
5     print("x is greater than y")
6 else:
7     print("x is equal to y")
```

The terminal shows the execution of the script:

```
PS E:\karka> & C:\Users\HP\AppData\Local\Programs\python\python313/python.exe e:\karka\python\days\task.py
Enter a number200
Enter a number300
x is equal to y
PS E:\karka>
```

The status bar at the bottom indicates the file is 'Ln 7, Col 30', uses 'UTF-8' encoding, and is a '3.13.5 64-bit' Python script.

The screenshot shows the Visual Studio Code editor with a file explorer on the left displaying a project structure under 'KARKA'. The main editor window shows a Python file named 'task.py' with the following code:

```
1 #ps
2 x=int(input("Enter a number"))
3 if (x%4 == 0):
4     print("It is a leap year")
5 else :
6     print("It is not a leap year")
7
```

The terminal at the bottom shows the execution of the script. It starts with a command prompt where the user runs 'python task.py'. The script prompts for a number, and the user enters '2024'. The output is 'It is a leap year'. There are also error messages visible in the terminal, indicating a 'ValueError: invalid literal for int() with base 10' when the user enters a non-integer value.

The screenshot shows the Visual Studio Code editor with a file explorer on the left displaying a project structure under 'KARKA'. The main editor window shows a Python file named 'task.py' with the following code:

```
1 #ps
2 x=int(input("Enter a number"))
3 tot=x
4 if tot<100 and tot>90:
5     print("A")
6 elif tot<80 and tot>80:
7     print("B")
8 elif tot<70 and tot>70:
9     print("C")
10 elif tot<60 and tot>60:
11     print("D")
12 else :
13     print("E")
14
```

The terminal at the bottom shows the execution of the script. It starts with a command prompt where the user runs 'python task.py'. The script prompts for a number, and the user enters '65'. The output is 'D'. There are also error messages visible in the terminal, indicating a 'ValueError: invalid literal for int() with base 10' when the user enters a non-integer value.

The screenshot shows the Visual Studio Code interface with a file explorer on the left displaying a project structure under 'KARKA'. The main editor window shows a Python file named 'task.py' with the following code:

```
1 #p7
2 x=int(input("Enter a number"))
3 if (x<16):
4     print("You can't drive")
5 elif (16<=x<17):
6     print("You can drive but not vote")
7 elif (18<=x<24):
8     print("You can vote but not rent a car")
9 else:
10    print("You can do pretty much anything")
```

The terminal at the bottom shows the execution of the script:

```
PS E:\karka> cd python
PS E:\karka\python> cd days
PS E:\karka\python\days> python task.py
Enter a number5
0
PS E:\karka\python\days> python task.py
Enter a number19
You can vote but not rent a car
PS E:\karka\python\days>
```

The status bar at the bottom indicates the file is at line 10, column 42, with 4 spaces, UTF-8 encoding, and CRLF line endings.

The screenshot shows the Visual Studio Code interface with the same project structure. The main editor window shows a Python file named 'task.py' with the following code:

```
1 #p7
2
3 for i in range(1, 101):
4     if i % 3 == 0 and i % 5 == 0:
5         print("FizzBuzz")
6     elif i % 3 == 0:
7         print("Fizz")
8     elif i % 5 == 0:
9         print("Buzz")
10    else:
11        print(i)
```

The terminal at the bottom shows the execution of the script, displaying the output for numbers 1 through 23:

```
PS E:\karka\python\days> python task.py
1
2
Fizz
4
Buzz
Fizz
7
8
Fizz
Buzz
11
Fizz
13
14
FizzBuzz
16
17
Fizz
19
Buzz
Fizz
22
23
Fizz
```

The status bar at the bottom indicates the file is at line 13, column 1, with 1 space, UTF-8 encoding, and CRLF line endings.

This screenshot shows the Visual Studio Code editor with a Python file named `task.py` open. The code implements a FizzBuzz algorithm, iterating from 1 to 101 and printing "Fizz", "Buzz", or "FizzBuzz" based on divisibility by 3 and 5. The Explorer sidebar on the left shows a project structure for "KARKA" with folders for "Python", "day1", "day2", "practice", "task", "day3", "day4", and "day5". The "task.py" file is selected under the "day5" folder. The Output window at the bottom displays the execution results of the program, showing the sequence of FizzBuzz outputs. The status bar at the bottom indicates the file is encoded in UTF-8 with CRLF line endings, using Python 3.13.5 64-bit.

```
Python > day5 > task.py > ...
1 #B
2
3 for i in range(1, 101):
4     if i % 3 == 0 and i % 5 == 0:
5         print("FizzBuzz")
6     elif i % 3 == 0:
7         print("Fizz")
8     elif i % 5 == 0:
9         print("Buzz")
10    else:
11        print(i)

41 Fizz
43 Fizz
44 FizzBuzz
46
47 Fizz
49
50 Buzz
51 Fizz
52
53 Fizz
54 Buzz
56 Fizz
58
59 FizzBuzz
61
62
63 Fizz
64
65 Buzz
```

This screenshot shows the Visual Studio Code editor with a Python file named `task.py` open. The code is designed to check if a year is a leap year by taking user input and using a modulo operation. However, a runtime error has occurred. The Output window at the bottom displays the error message: "ValueError: invalid literal for int() with base 10: '& C:/Users/HP/AppData/Local/Programs/Python/Python313/python.exe e:/karka/Python/day5/task.py'". This error arises because the program attempted to convert a string containing a file path (likely from a command prompt) into an integer. The Explorer sidebar on the left shows the same project structure as the first screenshot. The status bar at the bottom indicates the file is encoded in UTF-8 with CRLF line endings, using Python 3.13.5 64-bit.

```
Python > day5 > task.py > ...
1 #B
2 year = int(input("enter a year:"))
3 if (year%4==0):
4     print(year,"is a leap year")
5 else:
6     print(year,"is not a leap year")

ValueError: invalid literal for int() with base 10: '& C:/Users/HP/AppData/Local/Programs/Python/Python313/python.exe e:/karka/Python/day5/task.py'
PS E:\karka> & C:/Users/HP/AppData/Local/Programs/Python/Python313/python.exe e:/karka/Python/day5/task.py
enter a year:2022
2022 is not a leap year
PS E:\karka>
```