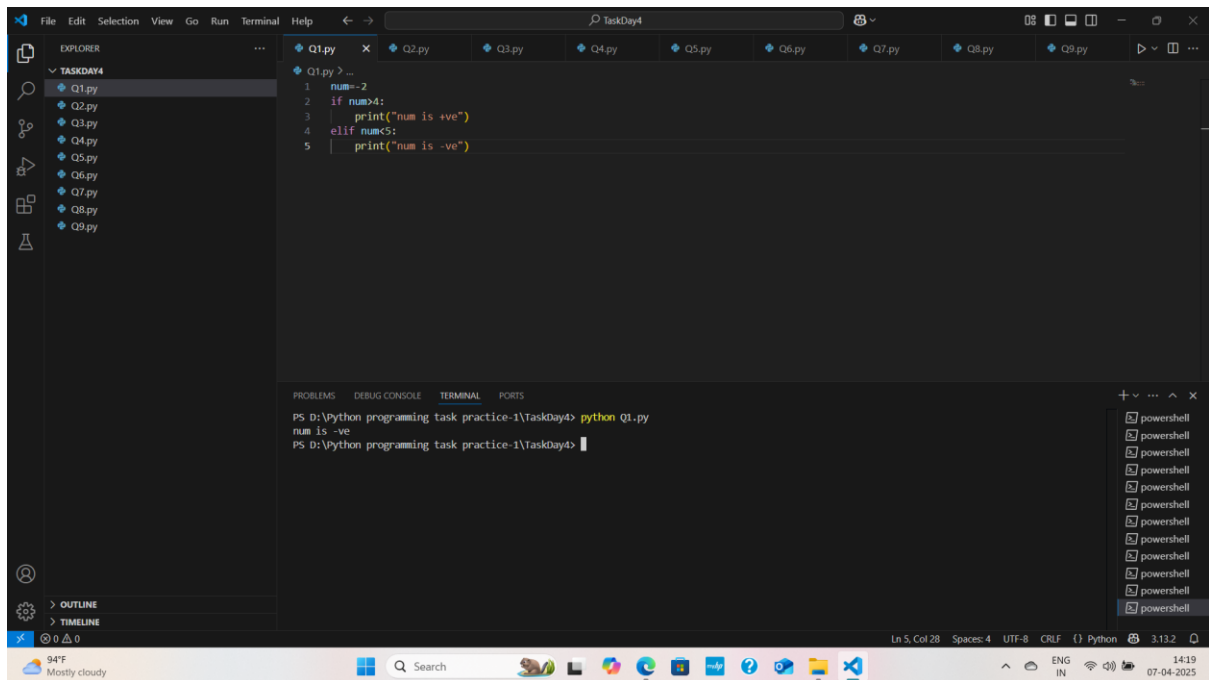


Q1.

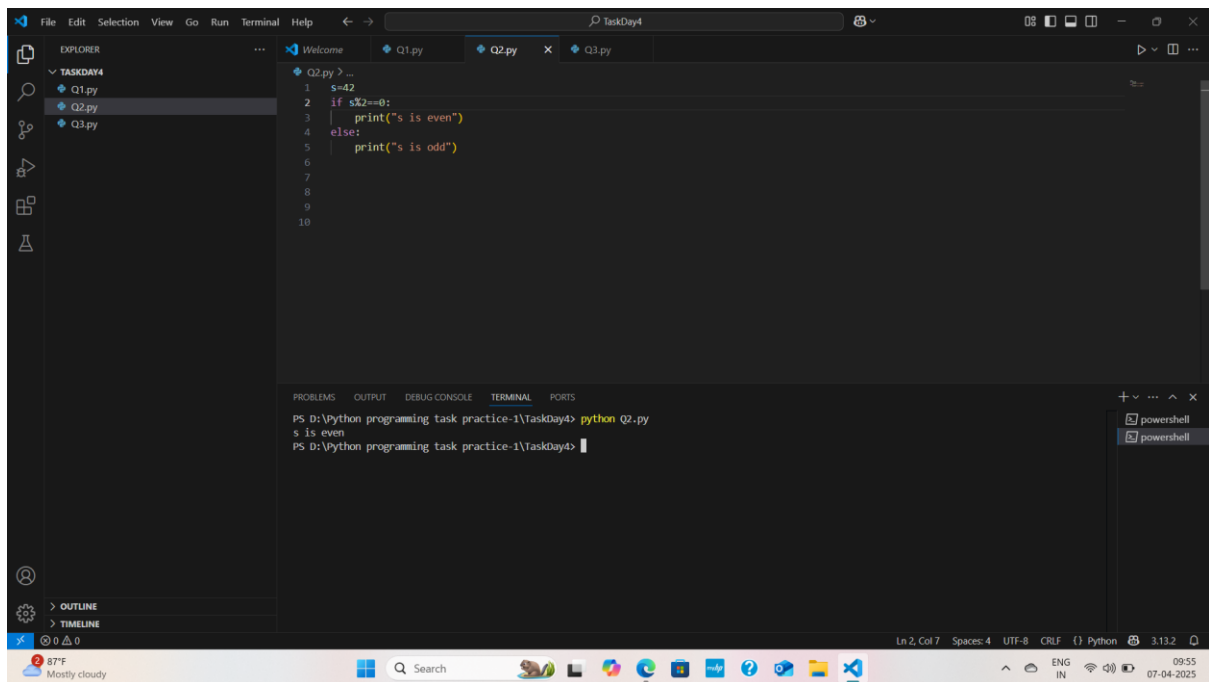


The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a folder named 'TASKDAY4' with files Q1.py through Q9.py. The main editor window displays the code for Q1.py:

```
1 num=-2
2 if num>4:
3     print("num is +ve")
4 elif num<5:
5     print("num is -ve")
```

The terminal at the bottom shows the command `python Q1.py` being executed, resulting in the output `num is -ve`. The status bar at the bottom indicates the file is at line 5, column 28, with 4 spaces, using UTF-8 encoding and CRLF line endings.

Q2.



The screenshot shows the Visual Studio Code interface with the file explorer on the left showing 'TASKDAY4' files. The main editor window displays the code for Q2.py:

```
1 s=42
2 if s%2==0:
3     print("s is even")
4 else:
5     print("s is odd")
```

The terminal at the bottom shows the command `python Q2.py` being executed, resulting in the output `s is even`. The status bar at the bottom indicates the file is at line 2, column 7, with 4 spaces, using UTF-8 encoding and CRLF line endings.

Q3.

```
Q3.py > ...
1 Base=3
2 Expo=5
3 Ans=(Base**Expo)
4 print(Ans)
5
```

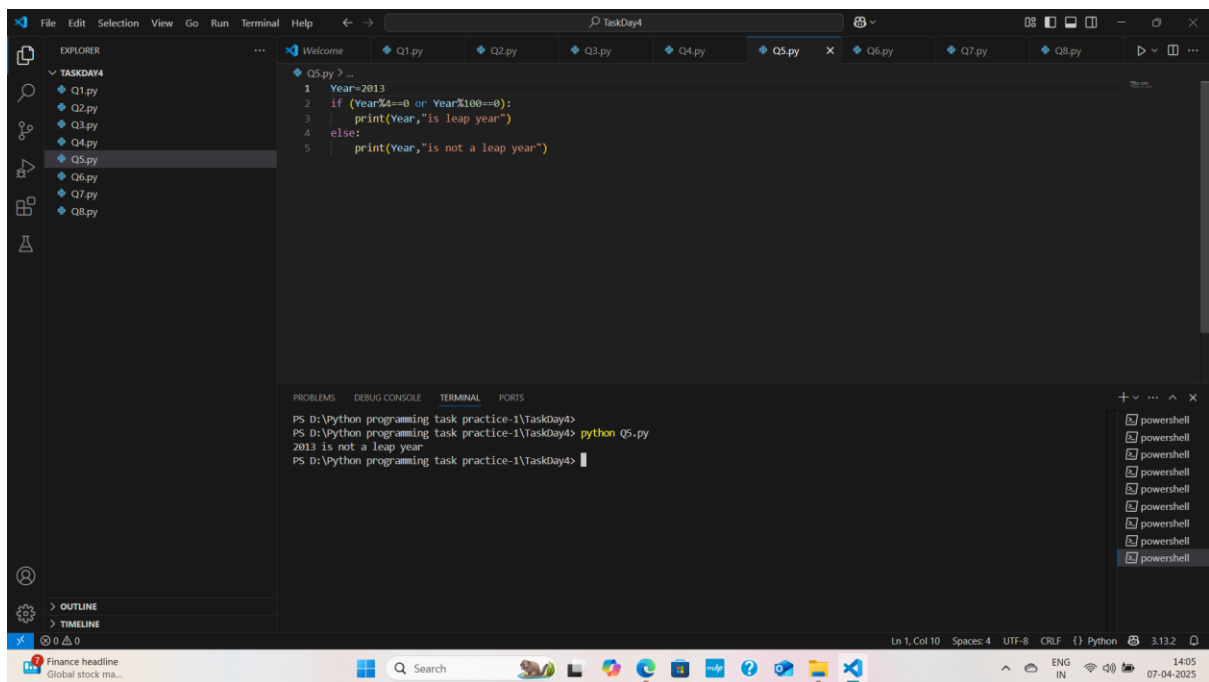
```
PS D:\Python programming task practice-1\TaskDay4> python Q3.py
243
PS D:\Python programming task practice-1\TaskDay4>
```

Q4.

```
Q4.py > ...
1 A=20
2 B=30
3 if A>B:
4 | print("A is greater than B")
5 else:
6 | print("A is lesser than B")
```

```
PS D:\Python programming task practice-1\TaskDay4> python Q4.py
A is lesser than B
PS D:\Python programming task practice-1\TaskDay4>
```

Q5.



The screenshot shows the Visual Studio Code interface with a file explorer on the left containing a folder named 'TASKDAY4' with files Q1.py through Q8.py. The main editor window displays 'Q5.py' with the following Python code:

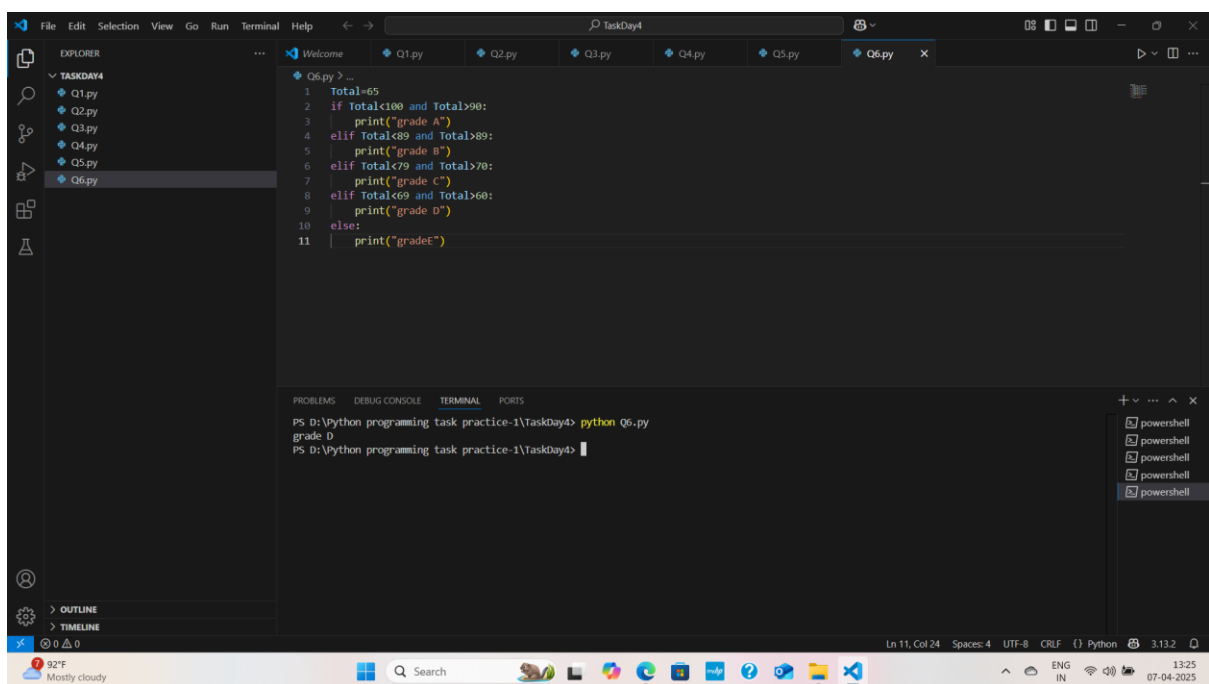
```
1 Year=2013
2 if (Year%4==0 or Year%100==0):
3     print(Year,"is leap year")
4 else:
5     print(Year,"is not a leap year")
```

The bottom panel shows the 'TERMINAL' tab with the following output:

```
PS D:\Python programming task practice-1\TaskDay4> python Q5.py
2013 is not a leap year
PS D:\Python programming task practice-1\TaskDay4>
```

The status bar at the bottom indicates 'Ln 1, Col 10', 'Spaces: 4', 'UTF-8', 'CRLF', and 'Python 3.11.2'.

Q6.



The screenshot shows the Visual Studio Code interface with the file explorer on the left. The main editor window displays 'Q6.py' with the following Python code:

```
1 Total=65
2 if Total<100 and Total>90:
3     print("grade A")
4 elif Total<89 and Total>89:
5     print("grade B")
6 elif Total<79 and Total>70:
7     print("grade C")
8 elif Total<69 and Total>60:
9     print("grade D")
10 else:
11     print("grade E")
```

The bottom panel shows the 'TERMINAL' tab with the following output:

```
PS D:\Python programming task practice-1\TaskDay4> python Q6.py
grade D
PS D:\Python programming task practice-1\TaskDay4>
```

The status bar at the bottom indicates 'Ln 11, Col 24', 'Spaces: 4', 'UTF-8', 'CRLF', and 'Python 3.11.2'.

Q7.

The screenshot shows the Visual Studio Code editor with a file explorer on the left containing a folder named 'TASKDAY4' with files Q1.py through Q8.py. The main editor window displays the code for Q7.py:

```
1 Age=27
2 if Age<16:
3     print("you can't drive")
4 elif Age<17 and Age>16:
5     print("You can drive but not vote")
6 elif Age<24 and Age>18:
7     print("You can vote but not rent a car")
8 else:
9     print("You can do pretty much anything")
10
```

The terminal at the bottom shows the command `python Q7.py` being executed, resulting in the output: `You can do pretty much anything`. The status bar at the bottom indicates the file is at line 10, column 1, with 4 spaces, using UTF-8 encoding and CRLF line endings.

Q8.

The screenshot shows the Visual Studio Code editor with the file explorer on the left. The main editor window displays the code for Q8.py:

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

The terminal at the bottom shows the command `python Q8.py` being executed, resulting in the following output:

```
1
2
3 called Fizz
4
5 called Buzz
6 called Fizz
7
8
9 called Fizz
10 called Buzz
11
12 called Fizz
13
14
15 called Fizz
```

The status bar at the bottom indicates the file is at line 9, column 18, with 4 spaces, using UTF-8 encoding and CRLF line endings.