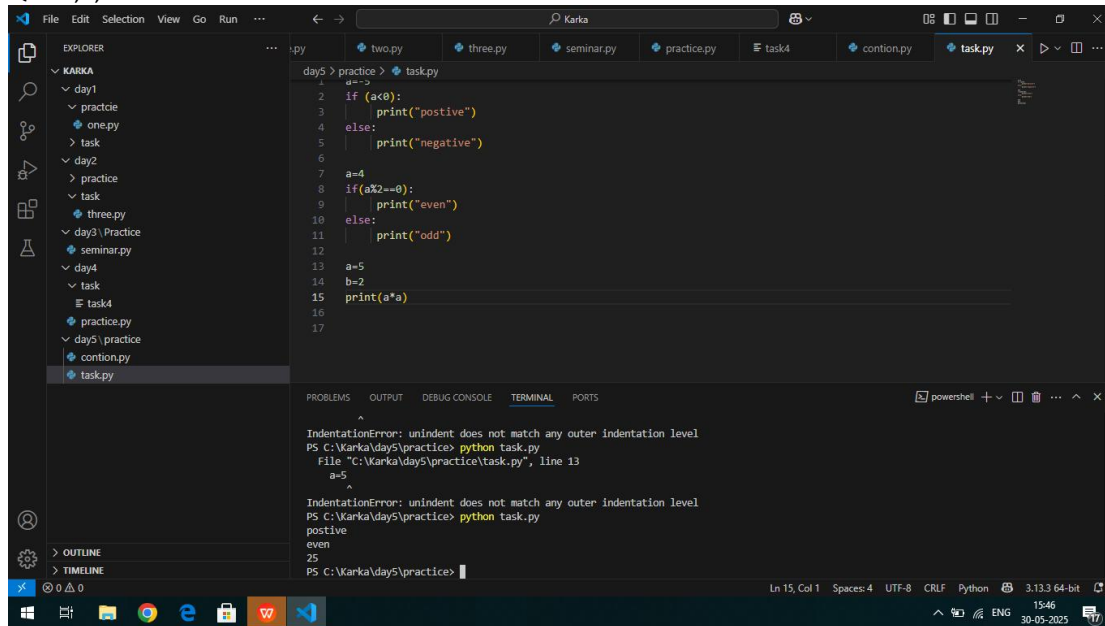


Qno:1,2,3

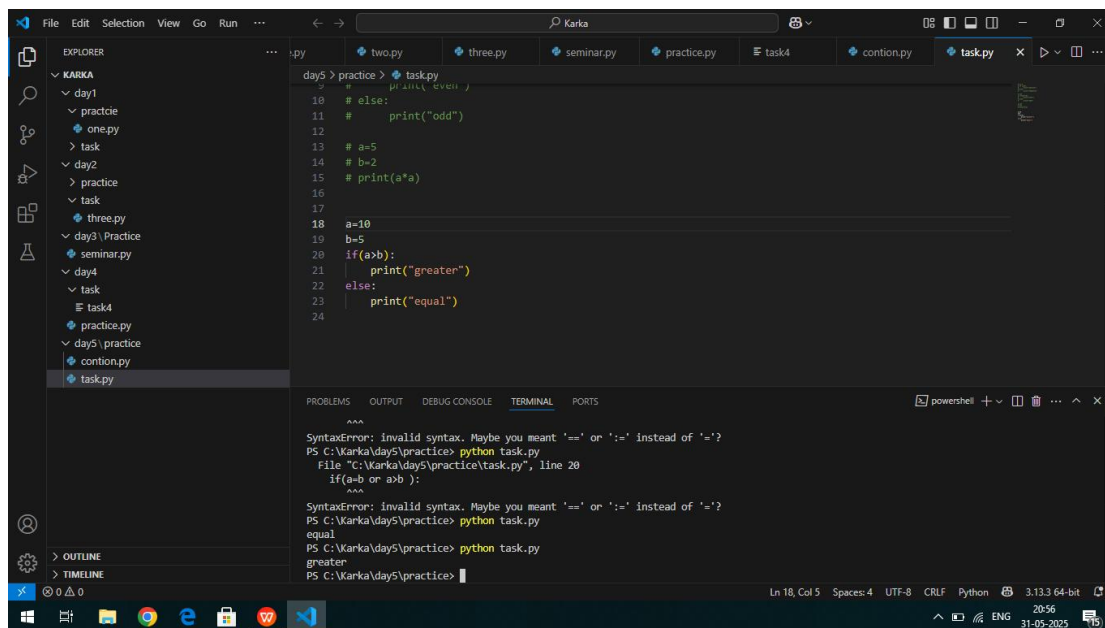


The screenshot shows the Visual Studio Code editor with a file named `task.py` open. The file contains the following Python code:

```
1 # a-->
2 if (a<0):
3     print("postive")
4 else:
5     print("negative")
6
7 a=4
8 if (a%2==0):
9     print("even")
10 else:
11     print("odd")
12
13 a=5
14 b=2
15 print(a*a)
16
17
```

The terminal output shows two `IndentationError: unindent does not match any outer indentation level` messages, one for line 13 and one for line 15. The status bar at the bottom indicates the cursor is at line 15, column 1.

Q no:4



The screenshot shows the Visual Studio Code editor with a file named `task.py` open. The file contains the following Python code:

```
1 # a-->
2 # print("even")
3 # else:
4 #     print("odd")
5
6 a=5
7 b=2
8 print(a*a)
9
10 a=10
11 b=5
12 if (a>b):
13     print("greater")
14 else:
15     print("equal")
16
17
```

The terminal output shows two `SyntaxError: invalid syntax` messages. The first error is on line 20, where the code is `if(a>b):` instead of `if(a>b):`. The second error is on line 23, where the code is `if(a=b or a>b):` instead of `if(a==b or a>b):`. The status bar at the bottom indicates the cursor is at line 18, column 5.

Qno:5

The screenshot shows the Visual Studio Code editor with a file explorer on the left and a terminal at the bottom. The file explorer shows a project named 'KARKA' with a folder 'day1' containing a 'practice' folder. The 'practice' folder contains 'one.py', 'task', 'day2', 'practice', 'task', 'three.py', 'day3', 'Practice', 'seminar.py', 'day4', 'task', 'task4', 'practice.py', 'day5', 'practice', 'contion.py', and 'task.py'. The 'task.py' file is open in the editor, showing the following code:

```
day5 > practice > task.py
16 # print(a+b)
17
18 # a=10
19 # b=5
20 # if(a>b):
21 #     print("greater")
22 # else:
23 #     print("equal")
24
25 year=2004
26 if year %4==0 or year %100==0:
27     print("leap year")
28 else:
29     print("not leap year")
30
```

The terminal at the bottom shows the output of running the script:

```
if year%4==0 or year%100==0:
    print("leap year")
else:
    print("not leap year")
NameError: name 'year' is not defined
PS C:\Karka\day5\practice> python task.py
Traceback (most recent call last):
  File "C:\Karka\day5\practice\task.py", line 26, in <module>
    if year %4==0 or year %100==0:
    ^^^^^
NameError: name 'year' is not defined
PS C:\Karka\day5\practice> python task.py
leap year
PS C:\Karka\day5\practice>
```

Qno;7

The screenshot shows the Visual Studio Code editor with the same file explorer as the previous image. The 'task.py' file is open in the editor, showing the following code:

```
day5 > practice > task.py
26 # if year %4==0 or year %100==0:
27 #     print("leap year")
28 # else:
29 #     print("not leap year")
30
31 age=int(input("enter your age"))
32 if age<16:
33     print("you cant drive")
34 elif 16<= age <=17:
35     print("you can drive but not vote")
36 elif 18<= age <=24:
37     print("you can vote but not rent a car")
38 else:
39     print("you can do preety much anything")
40
41
```

The terminal at the bottom shows the output of running the script:

```
age=int(input("enter your age")):
SyntaxError: invalid syntax
PS C:\Karka\day5\practice> python task.py
File "C:\Karka\day5\practice\task.py", line 34
    elif age<16 age<17:
    ^^^^^
SyntaxError: invalid syntax
PS C:\Karka\day5\practice> python task.py
enter your age22
you can drive but not vote
PS C:\Karka\day5\practice>
```

Q no ;6

```
File Edit Selection View Go Run ... Karka
EXPLORER
KARKA
> day1
> day2
> day3
> day4
> day5\practice
  contion.py
  task.py
task.py
37 # printk you can vote but not rent a car
38 # else:
39 #     print("you can do preety much anything")
40
41 total=100
42 if(total==90 and total<=100):
43     print("a")
44 elif(total==80 and total<=89):
45     print("b")
46 elif(total==70 and total<=79):
47     print("c")
48 elif(total==60 and toatl<=69):
49     print("d")
50 else:
51     print("fail")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Windows PowerShell
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PS C:\Karka> cd days
PS C:\Karka\days> cd practice
PS C:\Karka\days\practice> python task.py
PS C:\Karka\days\practice> python task.py
a
PS C:\Karka\days\practice>
```

Q no 9

```
File Edit Selection View Go Run ... Karka
EXPLORER
KARKA
> day1
> day2
> day3
> day4
> day5\practice
  contion.py
  task.py
task.py
48 # elif(total==60 and toatl<=69):
49 #     print("d")
50 # else:
51 #     print("fail")
52
53 year=2004
54 if(year %4==0 or year %100==0):
55     print("leap year")
56 else:
57     ("not leap year")

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Karka\days\practice> python task.py
C:\Users\ELCOT\AppData\Local\Programs\Python\Python313\python.exe: can't open file 'C:\\Karka\\days\\practice\\task.py\\': [Errno 22] Invalid argument
PS C:\Karka\days\practice> python task.py
C:\Users\ELCOT\AppData\Local\Programs\Python\Python313\python.exe: can't open file 'C:\\Karka\\days\\practice\\task.py\\': [Errno 22] Invalid argument
PS C:\Karka\days\practice> python task.py
C:\Users\ELCOT\AppData\Local\Programs\Python\Python313\python.exe: can't open file 'C:\\Karka\\days\\practice\\task.py\\': [Errno 22] Invalid argument
PS C:\Karka\days\practice> python task.py
leap year
PS C:\Karka\days\practice>
```

Q no 8:

