

Qno;1

The screenshot shows the Visual Studio Code interface with a file explorer on the left displaying a project structure. The main editor window shows a Python script named `three.py` with the following code:

```
1 Name="Siva"  
2 print(Name)  
3  
4 first_name="siva"  
5 print(first_name)  
6  
7 # a=7  
8 # b=5  
9 # print(a+b)  
10  
11 # p1=3.14  
12 # # r=10=20  
13 # b=30  
14 # temp=a  
15 # a=b  
16 # b=temp  
17 # print(a)  
18 # print(b)  
19  
20 # a-a+h
```

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

```
PS C:\Karka> cd day2  
PS C:\Karka\day2> cd task  
PS C:\Karka\day2\task> python three.py  
Siva  
Siva  
80.0  
PS C:\Karka\day2\task> python three.py  
Siva  
siva  
PS C:\Karka\day2\task>
```

Q no;2

The screenshot shows the Visual Studio Code interface with a file explorer on the left displaying a project structure. The main editor window shows a Python script named `three.py` with the following code:

```
1 # Name="Siva"  
2 # print(Name)  
3  
4 # first_name="siva"  
5 # print(first_name)  
6  
7 a=7  
8 b=5  
9 print(a+b)  
10  
11 # p1=3.14  
12 # # r=10=20  
13 # b=30  
14 # temp=a  
15 # a=b  
16 # b=temp  
17 # print(a)  
18 # print(b)  
19  
20 # a-a+h
```

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

```
PS C:\Karka> cd day2  
PS C:\Karka\day2> cd task  
PS C:\Karka\day2\task> python three.py  
Siva  
Siva  
80.0  
PS C:\Karka\day2\task> python three.py  
Siva  
siva  
PS C:\Karka\day2\task> python three.py  
12  
PS C:\Karka\day2\task>
```

Q no;4

```
day2 > task > three.py
4 # first_name="siva"
5 # print(first_name)
6
7 # a=7
8 # b=5
9 # print(a+b)
10
11
12 length=10
13 width=10
14 area=length*width
15 print(area)
16
17 # base=7
18 # hieght=5
19 # area=(base*hieght)/2
20 # print(area)
21
22 # a=5
23 # b=10
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Karka\day2\task> python three.py

Q no;5

```
day2 > task > three.py
7 # a=7
8 # b=5
9 # print(a+b)
10
11
12 # length=10
13 # width=10
14 # area=length*width
15 # print(area)
16
17 base=7
18 hieght=5
19 area=(base*hieght)/2
20 print(area)
21
22 # a=5
23 # b=10
24 # add=a+b
25 # sub=a-b
```

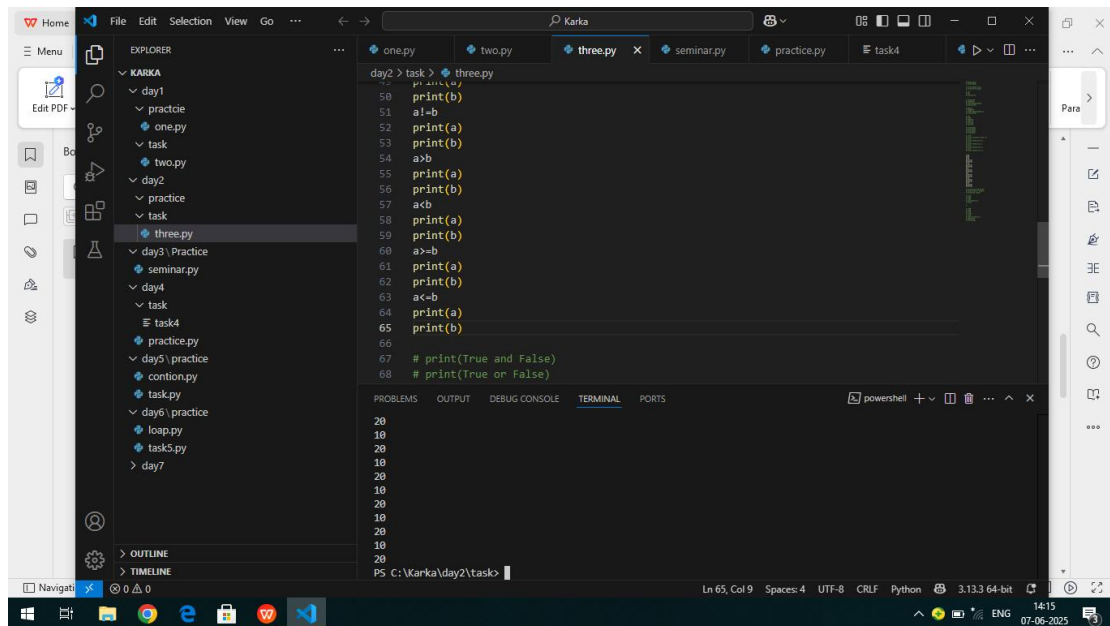
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Karka\day2\task> python three.py

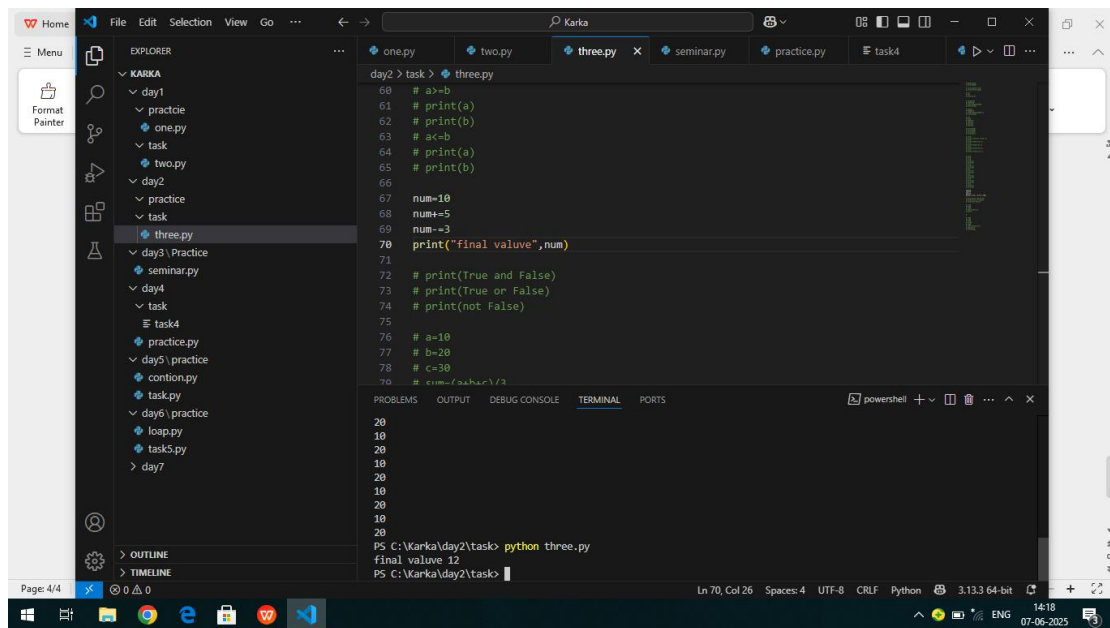
Q no;6

Q no7;

Q no;9



Qno 8



Q no 10

```
day2 > task > three.py
# a+b
61 # print(a)
62 # print(b)
63 # a<b
64 # print(a)
65 # print(b)
66
67 # num=10
68 # num+=5
69 # num-=3
70 # print("final value",num)
71
72 print(True and False)
73 print(True or False)
74 print(not False)
75
76 # a=10
77 # b=20
78 # c=30
79 # sum=(a+b+c)/3

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS C:\Karka\day2\task> python three.py
Final value 12
PS C:\Karka\day2\task> python three.py
False
True
True
PS C:\Karka\day2\task>
```

Q no12

```
day2 > task > three.py
69 # num=3
70 # print("final value",num)
71
72 # print(True and False)
73 # print(True or False)
74 # print(not False)
75
76 num1=float(input("first num"))
77 num2=float(input("second num"))
78 num3=float(input("third num"))
79 avg=(num1+num2+num3)/3
80 print("avg of three num",avg)
81
82 # a=10
83 # b=20
84 # c=30
85 # sum=(a+b+c)/3
86 # print(sum)
87
88

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
ValueError: could not convert string to float: 'first num'
PS C:\Karka\day2\task> python three.py
File "C:\Karka\day2\task\three.py", line 76
num1=float(input("first num"))
        ^
ValueError: could not convert string to float: 'first num'

SyntaxError: invalid syntax. Perhaps you forgot a comma?
PS C:\Karka\day2\task> python three.py
first num5
second num4
third num5
avg of three num 4.666666666666667
PS C:\Karka\day2\task>
```

Qno;13

```
day2 > task > three.py
76 # num1=float(input("first num"))
77 # num2=float(input("second num"))
78 # num3=float(input("third num"))
79 avg=(num1+num2+num3)/3
80 # print("avg of three num",avg)
81
82 a=10
83 b=20
84 c=30
85 sum=(a+b+c)/3
86 print(sum)
87
88
89
90 # t=80
91 # e=70
92 # m=85
93 # sc=75
94 # s=90
95 # sum=(t+e+m+sc+s)
96 avg=sum/5
97 print(avg)
```

File "C:\Karka\day2\task\three.py", line 76
num1=float(input("first num"))
SyntaxError: invalid syntax. Perhaps you forgot a comma?

PS C:\Karka\day2\task> python three.py
first num5
second num4
third num5
avg of three num 4.666666666666667
PS C:\Karka\day2\task> python three.py
20.0
PS C:\Karka\day2\task>

Qno;14

```
87
88
89 t=80
90 e=70
91 m=85
92 sc=75
93 s=90
94 sum=(t+e+m+sc+s)
95 avg=sum/5
96 print(avg)
```

SyntaxError: invalid syntax. Perhaps you forgot a comma?

PS C:\Karka\day2\task> python three.py
first num5
second num4
third num5
avg of three num 4.666666666666667
PS C:\Karka\day2\task> python three.py
20.0
PS C:\Karka\day2\task> python three.py
20.0
PS C:\Karka\day2\task>