

Q no:1

The screenshot shows the Visual Studio Code interface. The Explorer pane on the left displays a project structure with folders 'KARKA', 'day1', 'day2', 'day3', 'day4', and 'day5'. The 'task4' file is selected in the 'day4' folder. The main editor shows the content of 'task4.py':

```
day4 > task > task4
1 def sayHello():
2     print("Hello,world!")
3 sayHello()
```

The TERMINAL pane at the bottom shows the following commands and output:

```
Windows PowerShell
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PS C:\Karka> cd day4
PS C:\Karka\day4> cd task
PS C:\Karka\day4\task> python task4
Hello,world!
PS C:\Karka\day4\task>
```

The status bar at the bottom indicates the file is at line 3, column 11, with 4 spaces, UTF-8 encoding, CRLF line endings, and is a Python file.

Q no :2

The screenshot shows the Visual Studio Code interface. The Explorer pane on the left displays the same project structure as in the first screenshot. The 'task4' file is selected in the 'day4' folder. The main editor shows the content of 'task4.py':

```
day4 > task > task4
1 # def sayHello():
2 #     print("Hello,world!")
3 # sayHello()
4
5 a=10
6 b=5
7 def add(a,b):
8     c=a+b
9     return(c)
10 print(add(a,b))
```

The TERMINAL pane at the bottom shows the following commands and output:

```
PS C:\Karka> cd day4
PS C:\Karka\day4> cd task
PS C:\Karka\day4\task> python task4
Hello,world!
PS C:\Karka\day4\task> python task4
10 5
PS C:\Karka\day4\task> python task4
15
PS C:\Karka\day4\task> python task4
15
PS C:\Karka\day4\task>
```

The status bar at the bottom indicates the file is at line 10, column 16, with 4 spaces, UTF-8 encoding, CRLF line endings, and is a Python file.

Q no:3

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 structure with folders 'day1', 'day2', 'day3', 'day4', and 'day5'. The 'task4' file is selected in the 'day4' folder. The code in 'task4' is as follows:

```
day4 > task > task4
# > day1: day1.py
4
5 # a=10
6 # b=5
7 def add(a,b):
8     # c=(a+b)
9     # return(c)
10    # print(add(a,b))
11
12    x=10
13    y=15
14    def mul(x,y):
15        c=(x*y)
16        return(c)
17    print(mul(x,y))
```

The terminal shows the following output:

```
print(mul(a*b))
^
NameError: name 'a' is not defined
PS C:\Karka\day4\task> python task4
Traceback (most recent call last):
  File "C:\Karka\day4\task\task4", line 17, in <module>
    print(mul(x*y))
    ~~~~~^
TypeError: mul() missing 1 required positional argument: 'y'
PS C:\Karka\day4\task> python task4
150
PS C:\Karka\day4\task>
```

Q no:4

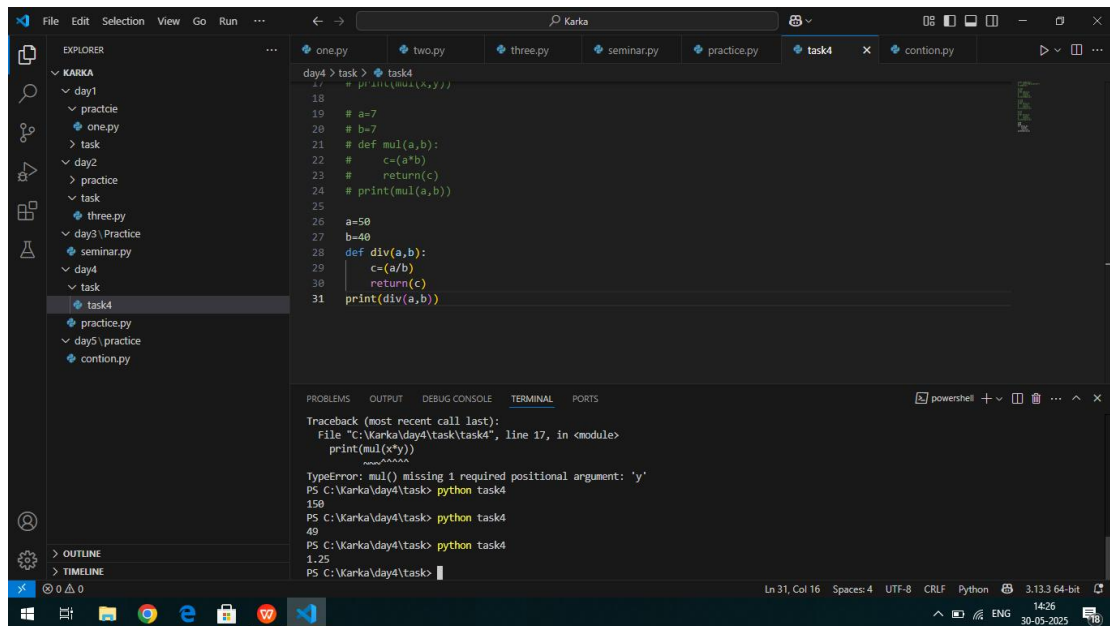
The screenshot shows the Visual Studio Code editor with a file explorer on the left and a terminal at the bottom. The file explorer shows a project structure with folders 'day1', 'day2', 'day3', 'day4', and 'day5'. The 'task4' file is selected in the 'day4' folder. The code in 'task4' is as follows:

```
day4 > task > task4
# > day1: day1.py
11
12 # x=10
13 # y=15
14 def mul(x,y):
15     # c=(x*y)
16     # return(c)
17     # print(mul(x,y))
18
19    a=7
20    b=7
21    def mul(a,b):
22        c=(a*b)
23        return(c)
24    print(mul(a,b))
```

The terminal shows the following output:

```
NameError: name 'a' is not defined
PS C:\Karka\day4\task> python task4
Traceback (most recent call last):
  File "C:\Karka\day4\task\task4", line 17, in <module>
    print(mul(x*y))
    ~~~~~^
TypeError: mul() missing 1 required positional argument: 'y'
PS C:\Karka\day4\task> python task4
150
PS C:\Karka\day4\task> python task4
49
PS C:\Karka\day4\task>
```

Q no: 5



Q no:6

Q no; 7

