

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 following Python code:

```
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
Copyright (C) Microsoft Corporation. All rights reserved.

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>
```

Q no :2

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 following Python code:

```
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>
```

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

The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor in the center. The file explorer shows a project structure with folders 'KARKA', 'day1', 'day2', 'day3', 'day4', and 'day5'. The 'task4' file is selected in the 'day4' folder. The code editor displays a Python script with the following content:

```
day4 > task > task4
17 # print(mul(a,b))
18
19 # a=7
20 # b=7
21 def mul(a,b):
22     # c=a*b
23     return(c)
24 # print(mul(a,b))
25
26 a=50
27 b=40
28 def div(a,b):
29     c=(a/b)
30     return(c)
31 print(div(a,b))
```

The terminal at the bottom shows the following output:

```
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> python task4
1.25
PS C:\Karka\day4\task>
```

Q no:6

Q no; 7

The screenshot shows the Visual Studio Code interface with a file explorer on the left and a code editor in the center. The file explorer shows a project structure with folders 'KARKA', 'day1', 'day2', 'day3', 'day4', and 'day5'. The 'task4' file is selected in the 'day4' folder. The code editor displays a Python script with the following content:

```
day4 > task > task4
24 # print(mul(a,b))
25
26 # a=50
27 # b=40
28 def div(a,b):
29     # c=a/b
30     return(c)
31 # print(div(a,b))
32
33 a=5
34 def square(a):
35     c=a*a
36     return(c)
37 print(square(a))
```

The terminal at the bottom shows the following output:

```
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> python task4
1.25
PS C:\Karka\day4\task>
```