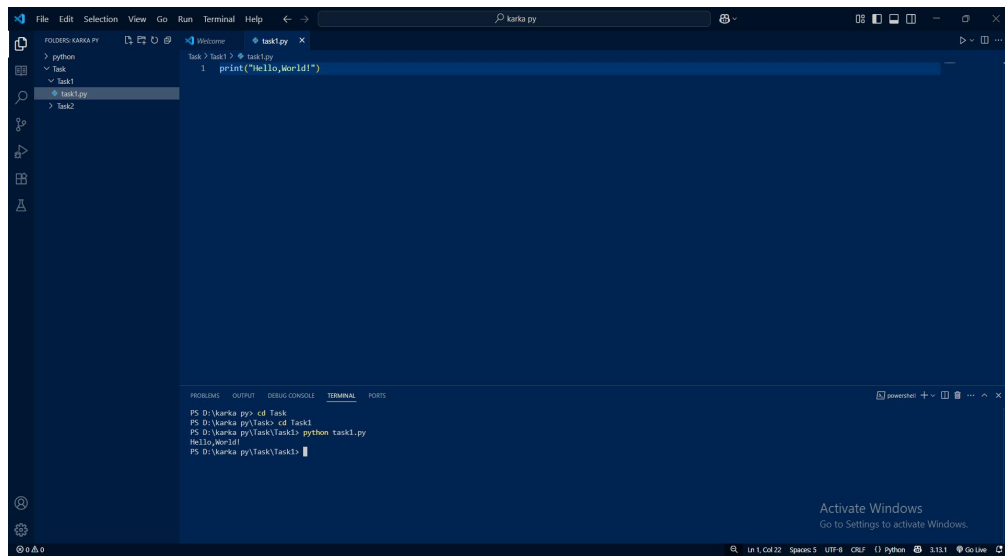


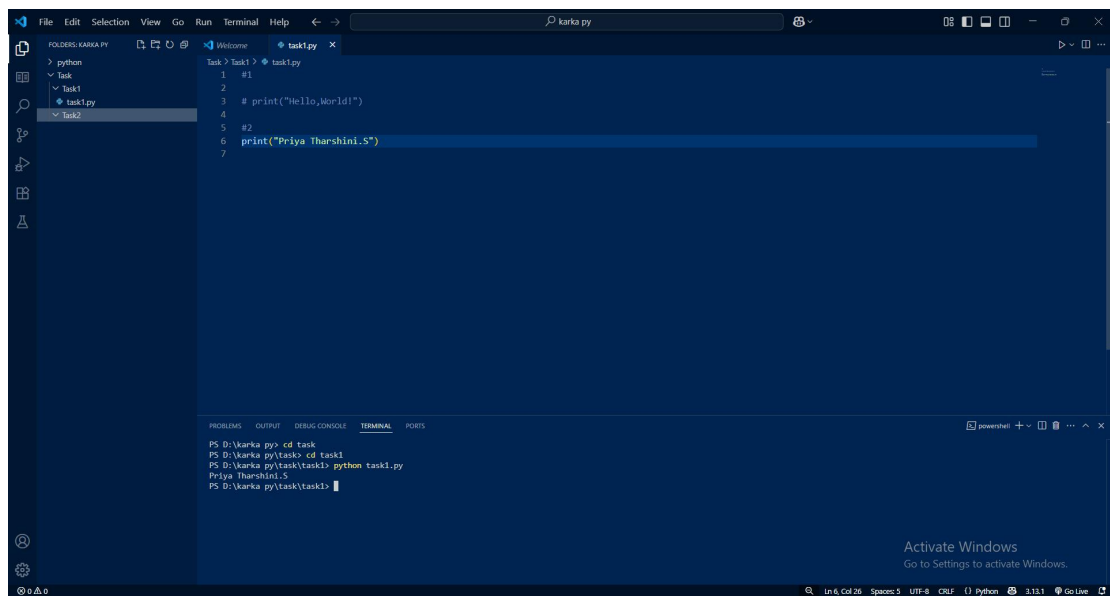
Task 1



```
File Edit Selection View Go Run Terminal Help
python task1.py
task1.py
1 print('Hello,World!')
```

```
PS D:\karka py> cd task
PS D:\karka py\task> cd task1
PS D:\karka py\task\task1> python task1.py
Hello,World!
PS D:\karka py\task\task1>
```

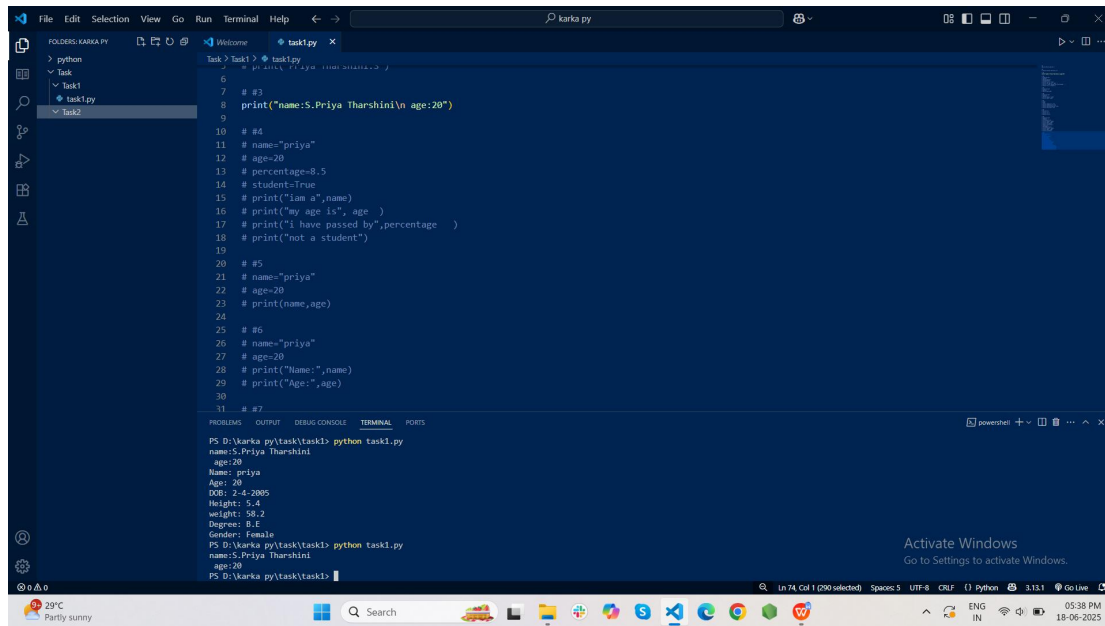
Task2



```
File Edit Selection View Go Run Terminal Help
python task2.py
task2.py
1 #1
2
3 # print('Hello,World!')
4
5 #2
6 print('Priya Tharshini.S')
7
```

```
PS D:\karka py> cd task
PS D:\karka py\task> cd task1
PS D:\karka py\task\task1> python task1.py
Priya Tharshini.S
PS D:\karka py\task\task1>
```

Task3



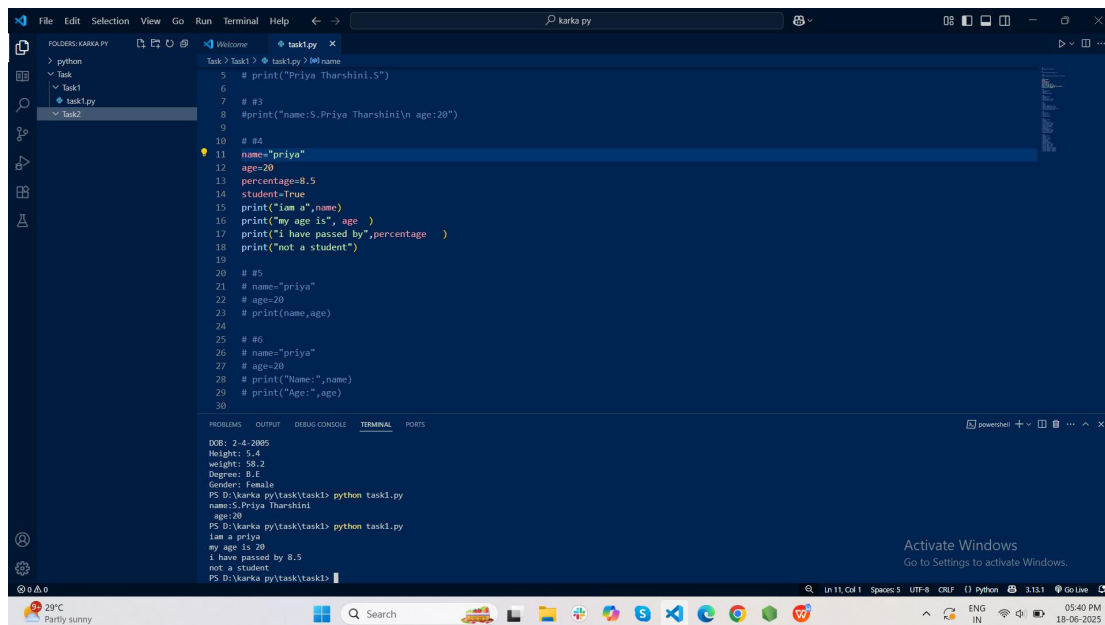
```
File Edit Selection View Go Run Terminal Help
task1.py
FOLDERS: KARKA.PY
python
Task
Task1
task1.py
Task2

Task > Task1 > task1.py
1 # priya, priya, 100, 2000, 5
2
3
4
5
6
7 # #3
8 print("name:S.Priya Tharshini\n age:20")
9
10 # #4
11 # name="priya"
12 # age=20
13 # percentage=8.5
14 # student=True
15 # print("iam a",name)
16 # print("my age is", age )
17 # print("i have passed by",percentage )
18 # print("not a student")
19
20 # #5
21 # name="priya"
22 # age=20
23 # print(name,age)
24
25 # #6
26 # name="priya"
27 # age=20
28 # print("Name:",name)
29 # print("Age:",age)
30
31 # #7

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
PS D:\karka py\task\task1> python task1.py
name:S.Priya Tharshini
age:20
Name: priya
Age: 20
DOB: 2-4-2005
Height: 5.4
weight: 58.2
Degree: 8.5
Gender: Female
PS D:\karka py\task\task1> python task1.py
name:S.Priya Tharshini
age:20
PS D:\karka py\task\task1>

Activate Windows
Go to Settings to activate Windows.
```

Task 4



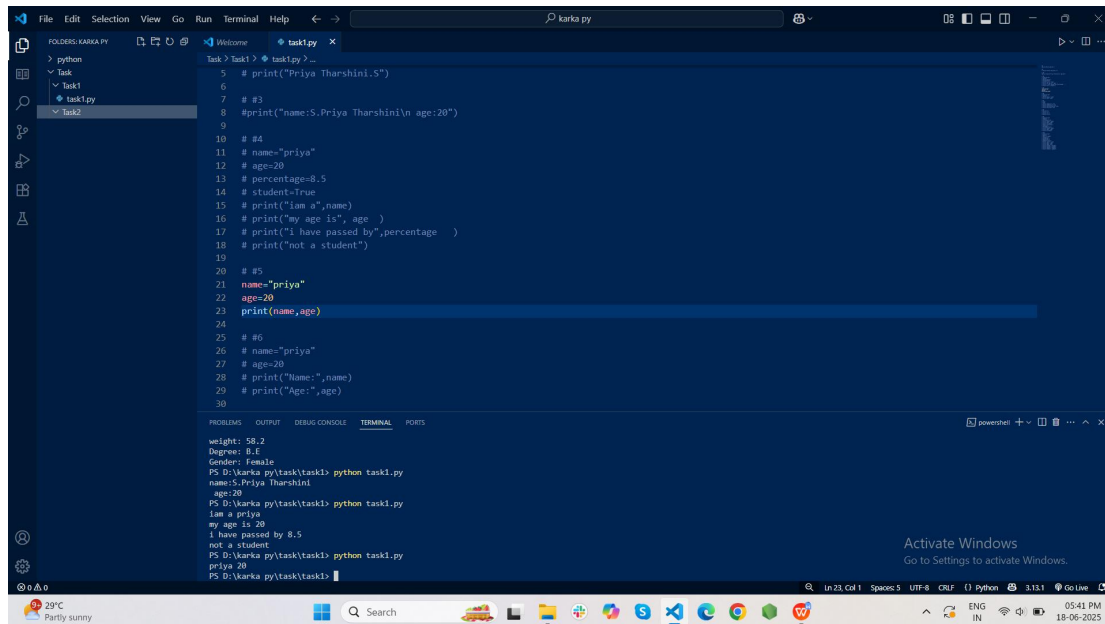
```
File Edit Selection View Go Run Terminal Help
task1.py
FOLDERS: KARKA.PY
python
Task
Task1
task1.py
Task2

Task > Task1 > task1.py
5 # print("Priya Tharshini.5")
6
7 # #3
8 #print("name:S.Priya Tharshini\n age:20")
9
10 # #4
11 name="priya"
12 age=20
13 percentage=8.5
14 student=True
15 print("iam a",name)
16 print("my age is", age )
17 print("i have passed by",percentage )
18 print("not a student")
19
20 # #5
21 # name="priya"
22 # age=20
23 # print(name,age)
24
25 # #6
26 # name="priya"
27 # age=20
28 # print("Name:",name)
29 # print("Age:",age)
30

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
DOB: 2-4-2005
Height: 5.4
weight: 58.2
Degree: 8.5
Gender: Female
PS D:\karka py\task\task1> python task1.py
name:S.Priya Tharshini
age:20
PS D:\karka py\task\task1> python task1.py
iam a priya
my age is 20
i have passed by 8.5
not a student
PS D:\karka py\task\task1>

Activate Windows
Go to Settings to activate Windows.
```

Task 5



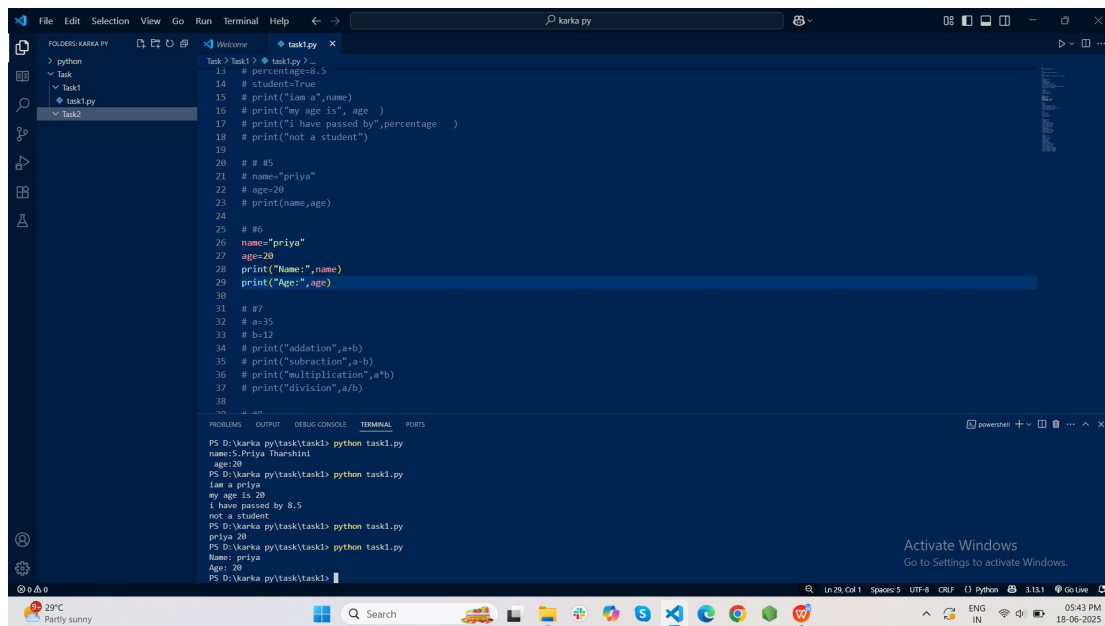
The screenshot shows the VS Code editor with a file named `task1.py` open. The code defines a class `Person` with attributes `name`, `age`, `percentage`, and `student`. It includes methods `__init__`, `__str__`, `__repr__`, `__dict__`, `__len__`, `__getitem__`, `__setitem__`, `__delitem__`, `__contains__`, `__iter__`, `__reversed__`, `__add__`, `__sub__`, `__mul__`, `__div__`, `__mod__`, `__pow__`, `__lt__`, `__le__`, `__eq__`, `__neq__`, `__gt__`, `__ge__`, `__hash__`, `__bool__`, `__nonzero__`, `__float__`, `__int__`, `__long__`, `__str__`, `__repr__`, `__dict__`, `__len__`, `__getitem__`, `__setitem__`, `__delitem__`, `__contains__`, `__iter__`, `__reversed__`, `__add__`, `__sub__`, `__mul__`, `__div__`, `__mod__`, `__pow__`, `__lt__`, `__le__`, `__eq__`, `__neq__`, `__gt__`, `__ge__`, `__hash__`, `__bool__`, `__nonzero__`, `__float__`, `__int__`, `__long__`.

```
5 # print("Priya Tharshini.S")
6
7 # #3
8 #print("name:S.Priya Tharshini\n age:20")
9
10 # #4
11 # name="priya"
12 # age=20
13 # percentage=8.5
14 # student=True
15 # print("I am a",name)
16 # print("my age is", age )
17 # print("I have passed by",percentage )
18 # print("not a student")
19
20 # #5
21 name="priya"
22 age=20
23 print(name,age)
24
25 # #6
26 # name="priya"
27 # age=20
28 # print("Name:",name)
29 # print("Age:",age)
30
```

The terminal output shows the execution of the script:

```
weight: 58.2
Degree: B.E
Gender: Female
PS D:\karka py\task\task1> python task1.py
name:S.Priya Tharshini
age:20
PS D:\karka py\task\task1> python task1.py
I am a priya
my age is 20
I have passed by 8.5
not a student
PS D:\karka py\task\task1> python task1.py
priya 20
PS D:\karka py\task\task1>
```

Task 6



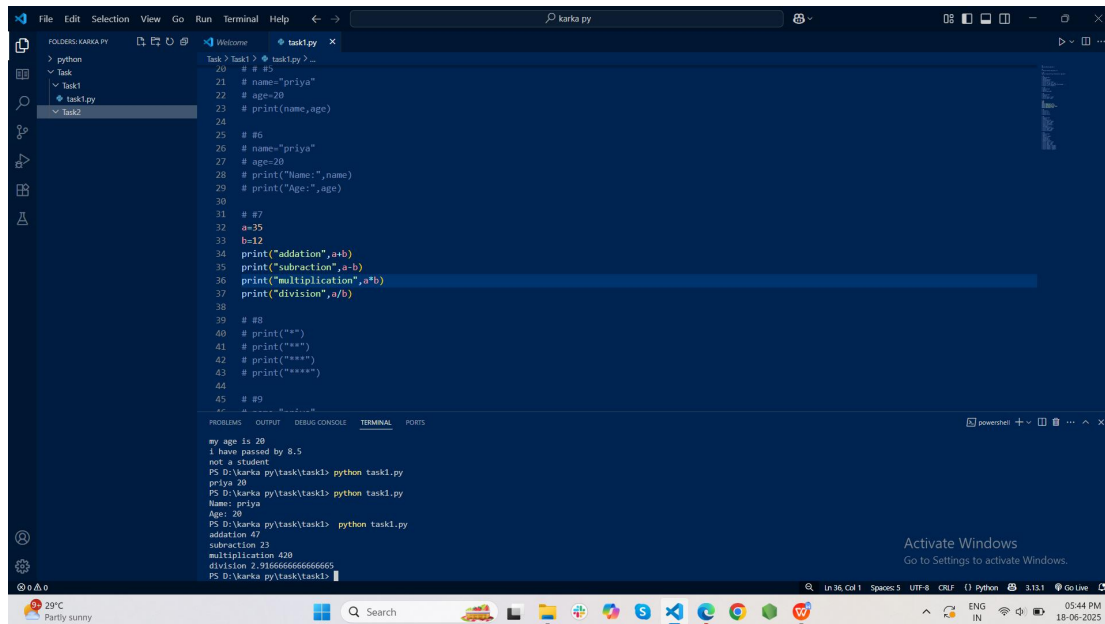
The screenshot shows the VS Code editor with a file named `task1.py` open. The code defines a class `Person` with attributes `name`, `age`, `percentage`, and `student`. It includes methods `__init__`, `__str__`, `__repr__`, `__dict__`, `__len__`, `__getitem__`, `__setitem__`, `__delitem__`, `__contains__`, `__iter__`, `__reversed__`, `__add__`, `__sub__`, `__mul__`, `__div__`, `__mod__`, `__pow__`, `__lt__`, `__le__`, `__eq__`, `__neq__`, `__gt__`, `__ge__`, `__hash__`, `__bool__`, `__nonzero__`, `__float__`, `__int__`, `__long__`.

```
11 # percentage=8.5
12 # student=True
13 # print("I am a",name)
14 # print("my age is", age )
15 # print("I have passed by",percentage )
16 # print("not a student")
17
18 # #5
19 # name="priya"
20 # age=20
21 # print(name,age)
22
23 # #6
24 # name="priya"
25 # age=20
26 # print("Name:",name)
27 # print("Age:",age)
28
29 # #7
30 # a=35
31 # b=12
32 # print("addition",a+b)
33 # print("subtraction",a-b)
34 # print("multiplication",a*b)
35 # print("division",a/b)
36
37 # #8
38 # a=35
39 # b=12
40 # print("addition",a+b)
41 # print("subtraction",a-b)
42 # print("multiplication",a*b)
43 # print("division",a/b)
44
```

The terminal output shows the execution of the script:

```
PS D:\karka py\task\task1> python task1.py
name:S.Priya Tharshini
age:20
PS D:\karka py\task\task1> python task1.py
I am a priya
my age is 20
I have passed by 8.5
not a student
PS D:\karka py\task\task1> python task1.py
priya 20
PS D:\karka py\task\task1> python task1.py
Name: priya
Age: 20
PS D:\karka py\task\task1>
```

Task 7



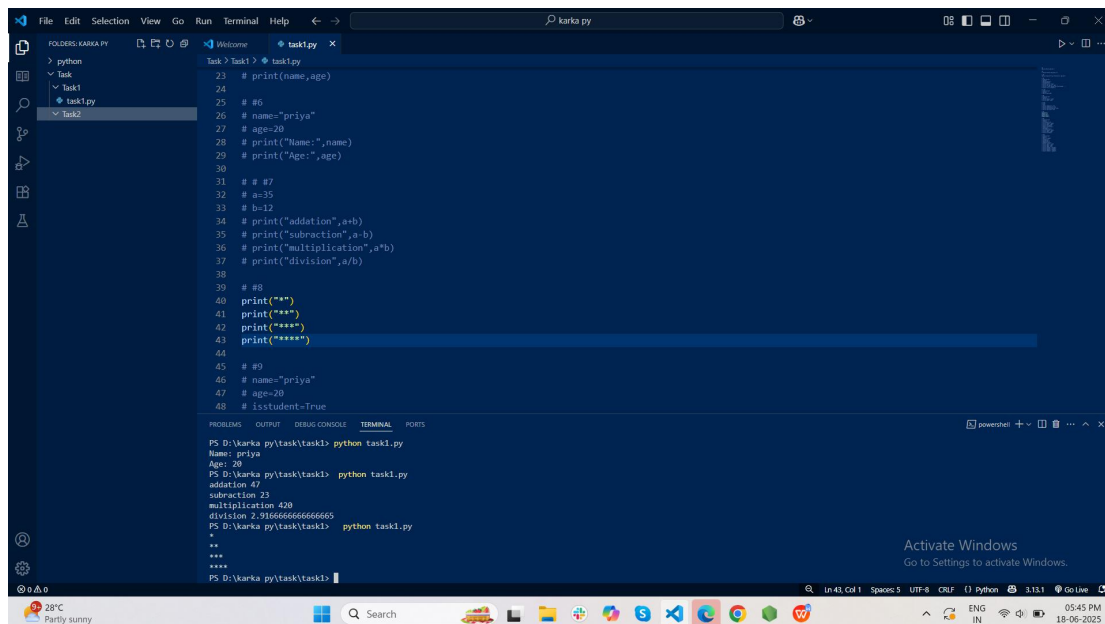
The screenshot shows the Visual Studio Code editor with a file named `task1.py` open. The file contains a Python script that prints personal information and performs arithmetic operations. The terminal output shows the results of running the script.

```
20 # #5
21 # name="priya"
22 # age=20
23 # print(name,age)
24
25 # #6
26 # name="priya"
27 # age=20
28 # print("Name:",name)
29 # print("Age:",age)
30
31 # #7
32 a=35
33 b=12
34 print("addition",a+b)
35 print("subtraction",a-b)
36 print("multiplication",a*b)
37 print("division",a/b)
38
39 # #8
40 # print("**")
41 # print("****")
42 # print("*****")
43 # print("*****")
44
45 # #9
46 # name="priya"
47 # age=20
48 # isstudent=True
```

Terminal Output:

```
my age is 20
i have passed by 8.5
not a student
PS D:\karka py\task\task1> python task1.py
priya 20
PS D:\karka py\task\task1> python task1.py
Name: priya
Age: 20
PS D:\karka py\task\task1> python task1.py
addition 47
subtraction 23
multiplication 420
division 2.9166666666666665
PS D:\karka py\task\task1>
```

Task 8



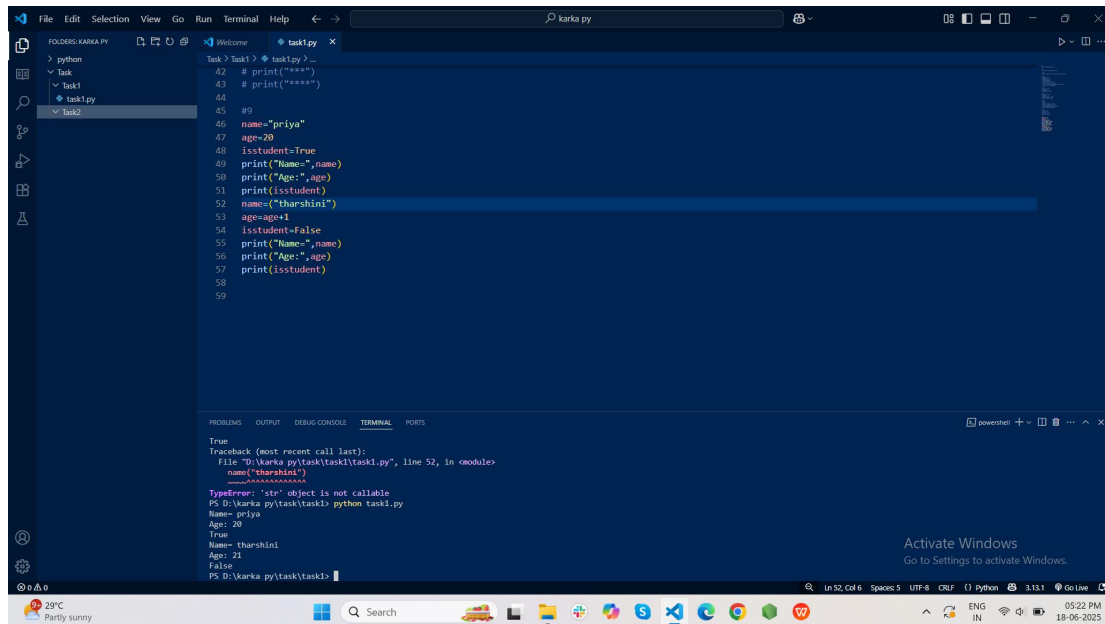
The screenshot shows the Visual Studio Code editor with a file named `task1.py` open. The file contains a Python script that prints personal information and performs arithmetic operations. The terminal output shows the results of running the script.

```
23 # print(name,age)
24
25 # #6
26 # name="priya"
27 # age=20
28 # print("Name:",name)
29 # print("Age:",age)
30
31 # #7
32 a=35
33 b=12
34 # print("addition",a+b)
35 # print("subtraction",a-b)
36 # print("multiplication",a*b)
37 # print("division",a/b)
38
39 # #8
40 print("**")
41 print("****")
42 print("*****")
43 print("*****")
44
45 # #9
46 # name="priya"
47 # age=20
48 # isstudent=True
```

Terminal Output:

```
PS D:\karka py\task\task1> python task1.py
Name: priya
Age: 20
PS D:\karka py\task\task1> python task1.py
addition 47
subtraction 23
multiplication 420
division 2.9166666666666665
PS D:\karka py\task\task1> python task1.py
**
****
PS D:\karka py\task\task1>
```

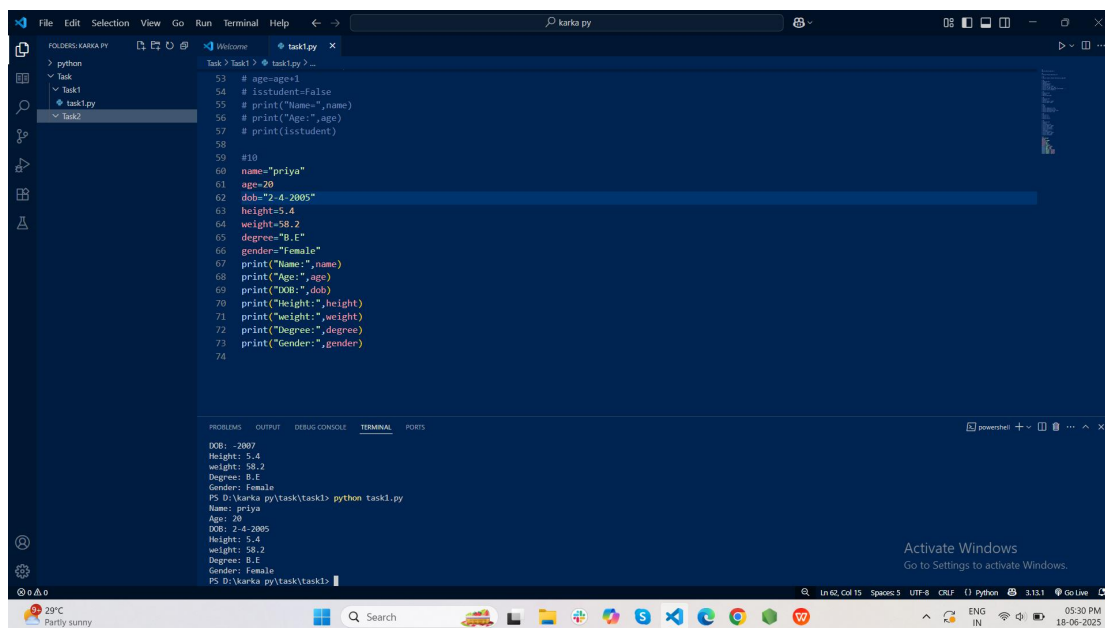
Task9



```
File Edit Selection View Go Run Terminal Help
task1.py x
Task > Task1 > task1.py x
42 # print("****")
43 # print("*****")
44
45 #
46 name="priya"
47 age=20
48 isstudent=True
49 print("Name=",name)
50 print("Age:",age)
51 print(isstudent)
52 name("tharshini")
53 age=age+1
54 isstudent=False
55 print("Name=",name)
56 print("Age:",age)
57 print(isstudent)
58
59
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
True
Traceback (most recent call last):
  File D:\karka py\task\task1.py, line 52, in <module>
    name("tharshini")
TypeError: 'str' object is not callable
PS D:\karka py\task\task1> python task1.py
Name= priya
Age= 20
True
Name= tharshini
Age= 21
False
PS D:\karka py\task\task1>

Activate Windows
Go to Settings to activate Windows.
```

Task 10



```
File Edit Selection View Go Run Terminal Help
task1.py x
Task > Task1 > task1.py x
53 # age=age+1
54 # isstudent=False
55 # print("Name=",name)
56 # print("Age:",age)
57 # print(isstudent)
58
59 #
60 name="priya"
61 age=20
62 DOB="2-4-2005"
63 height=5.4
64 weight=58.2
65 degree="B.E"
66 gender="female"
67 print("Name:",name)
68 print("Age:",age)
69 print("DOB:",DOB)
70 print("Height:",height)
71 print("Weight:",weight)
72 print("Degree:",degree)
73 print("Gender:",gender)
74
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
DOB: -2007
Height: 5.4
weight: 58.2
Degree: B.E
Gender: Female
PS D:\karka py\task\task1> python task1.py
Name: priya
Age: 20
DOB: 2-4-2005
Height: 5.4
weight: 58.2
Degree: B.E
Gender: Female
PS D:\karka py\task\task1>

Activate Windows
Go to Settings to activate Windows.
```