task7

EXPLORER

TASK7

13_8_task.py

positive.py

13_8_task.py | positive.py

positive.py > ...

```python
# 1 Write a program to check if a number is positive, negative or zero

num=int(input("enter the number\n"))

if (num>0):

    print("number is positive")

elif num==0:

    print("number is zero")

else:

    print("number is negative")
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

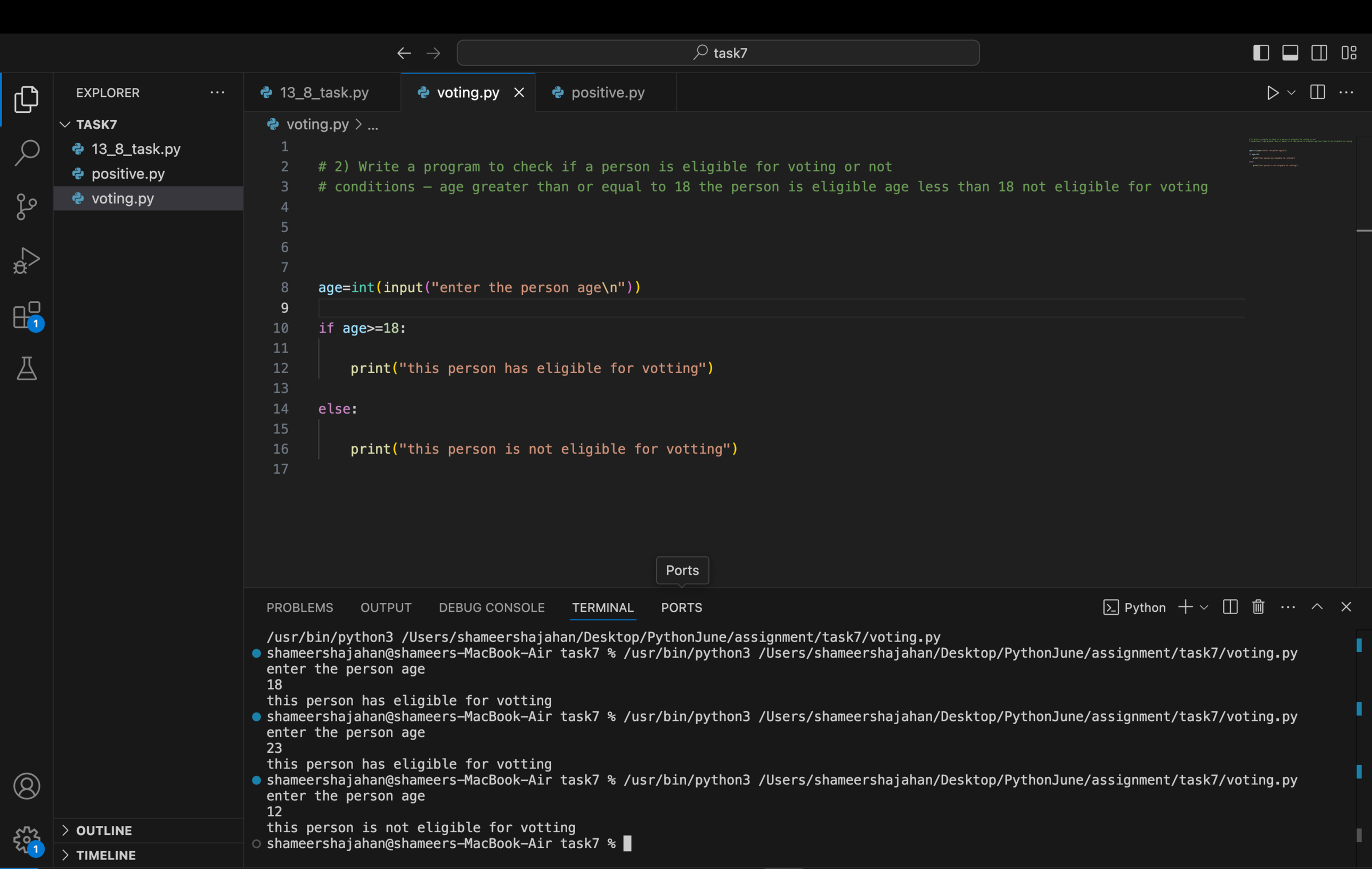
```
/usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/positive.py
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/positive.py
enter the number
2
number is positive
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/positive.py
enter the number
-2
number is negative
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/positive.py
enter the number
0
number is zero
shameershajahan@shameers-MacBook-Air task7 %
```

OUTLINE

TIMELINE

0 0 0

Ln 15, Col 32 Spaces: 4 UTF-8 LF Python 3.12.3 64-bit Go Live


task7
EXPLORER
TASK7
13_8_task.py
positive.py
voting.py
13_8_task.py
voting.py
positive.py
voting.py > ...
# 2) Write a program to check if a person is eligible for voting or not
# conditions – age greater than or equal to 18 the person is eligible age less than 18 not eligible for voting
age=int(input("enter the person age\n"))
if age>=18:
print("this person has eligible for votting")
else:
print("this person is not eligible for votting")
Ports
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Python
/usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/voting.py
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/voting.py
enter the person age
18
this person has eligible for votting
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/voting.py
enter the person age
23
this person has eligible for votting
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/voting.py
enter the person age
12
this person is not eligible for votting
shameershajahan@shameers-MacBook-Air task7 %
OUTLINE
TIMELINE
0 0 0
Ln 9, Col 1
Spaces: 4
UTF-8
LF
Python
3.12.3 64-bit
Go Live

EXPLORER

TASK7

- 13_8_task.py
- odd.py
- positive.py
- voting.py

13_8_task.py | odd.py | voting.py | positive.py

odd.py > ...

```python

# 3) Write a program to check the given number is odd or even

num=int(input("enter the number\n"))

if num%2==0:

    print("given number is even")

else:

    print("given number is odd")

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
/usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/odd.py
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/odd.py
enter the number
2
given number is even
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/odd.py
enter the number
3
given number is odd
shameershajahan@shameers-MacBook-Air task7 %
```

OUTLINE

TIMELINE

task7

EXPLORER

TASK7

- 13_8_task.py
- grade.py
- odd.py
- positive.py
- voting.py

13_8_task.py | grade.py | odd.py | voting.py | positive.py

grade.py > ...

```
9
10
11  percentage=int(input("enter the percentage\n"))
12
13  if percentage >=90:
14
15      print(" A Grade ")
16
17  elif percentage >=80 and percentage<90:
18
19      print(" B Grade ")
20
21  elif percentage >=70 and percentage<80:
22
23      print(" C Grade ")
24
25  else:
26
27      print(" Fail ")
28
29
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
enter the percentage
91
 A Grade
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/grade.py
enter the percentage
81
 B Grade
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/grade.py
enter the percentage
70
 C Grade
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/grade.py
enter the percentage
65
 Fail
shameershajahan@shameers-MacBook-Air task7 %
```

OUTLINE

TIMELINE

0 0 0 Ln 14, Col 1 Spaces: 4 UTF-8 LF Python 3.12.3 64-bit Go Live

task7

EXPLORER

TASK7

- 13_8_task.py
- grade.py
- leap.py
- odd.py
- positive.py
- voting.py

OUTLINE

TIMELINE

13_8_task.py | leap.py | grade.py | odd.py | voting.py | positive.py

leap.py > ...

```python
# 5) Write a program to check the given year is a leap year or not

year=int(input("enter the year\n"))

y="leap year" if year%100==0 and year%400==0 or year%4==0 and year%100!=0 else "not leap year"
print(y)
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
/usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/leap.py
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/leap.py
enter the year
2023
not leap year
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/leap.py
enter the year
2023
not leap year
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/leap.py
enter the year
1800
not leap year
shameershajahan@shameers-MacBook-Air task7 %
```

0 0 0 Ln 6, Col 95 Spaces: 4 UTF-8 LF Python 3.12.3 64-bit Go Live

EXPLORER

TASK7

- 13_8_task.py
- grade.py
- largest.py
- leap.py
- odd.py
- positive.py
- voting.py

OUTLINE

TIMELINE

13_8_task.py | largest.py | leap.py | grade.py | odd.py | voting.py

largest.py > ...

```python
# 6) Write a program to determine largest of three numbers

num1=int(input("enter the first number: "))

num2=int(input("enter the second number: "))

num3=int(input("enter the third number: "))

if num1>num2 and num1>num3:

    print(f"{num1} is largest")

elif num2>num1 and num2>num3:

    print(f"{num2} is largest")

else:

    print(f"{num3} is largest")

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

Python

```
/usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/largest.py
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/largest.py
enter the first number: 1
enter the second number: 2
enter the third number: 5
5 is largest
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/largest.py
enter the first number: 3
enter the second number: 9
enter the third number: 1
9 is largest
shameershajahan@shameers-MacBook-Air task7 %
```

EXPLORER

TASK7

- 13_8_task.py
- calc.py
- grade.py
- largest.py
- leap.py
- odd.py
- positive.py
- voting.py

OUTLINE

TIMELINE

13_8_task.py | calc.py | largest.py | leap.py | grade.py | odd.py | voting.py

calc.py > ...

```
6
7   num2=int(input("enter second number: "))
8
9   choice=int(input("1 : Addition,2 : Subraction,3 : Multiplication,4 : Division: "))
10
11  if choice==1:
12
13      add=(num1+num2)
14
15      print(add)
16
17  elif choice==2:
18
19      sub=num1-num2
20
21      print(sub)
22
23  elif choice==3:
24
25      mul=num1*num2
26
27      print(mul)
28
29  elif choice==4:
30
31      div=num1/num2
32
```

PROBLEMS | OUTPUT | DEBUG CONSOLE | TERMINAL | PORTS

Python

```
enter first number: 2
enter second number: 4
1 : Addition,2 : Subraction,3 : Multiplication,4 : Division: 1
6
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/calc.py
enter first number: 2
enter second number: 4
1 : Addition,2 : Subraction,3 : Multiplication,4 : Division: 2
-2
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/calc.py
enter first number: 2
enter second number: 4
1 : Addition,2 : Subraction,3 : Multiplication,4 : Division: 3
8
shameershajahan@shameers-MacBook-Air task7 % /usr/bin/python3 /Users/shameershajahan/Desktop/PythonJune/assignment/task7/calc.py
enter first number: 2
enter second number: 4
1 : Addition,2 : Subraction,3 : Multiplication,4 : Division: 4
0.5
shameershajahan@shameers-MacBook-Air task7 %
```