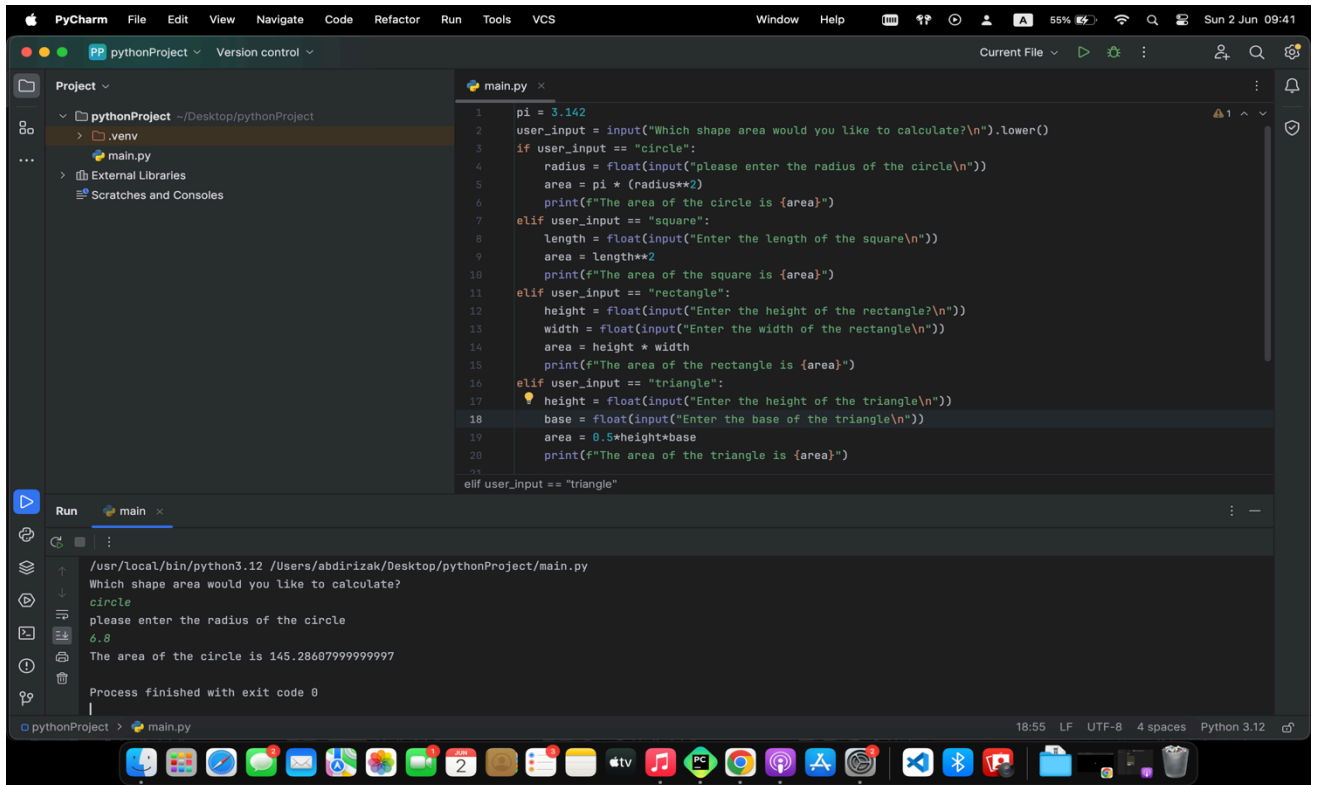Abdirizak Jarso Abdi

670233

Assignment: Area of a shape
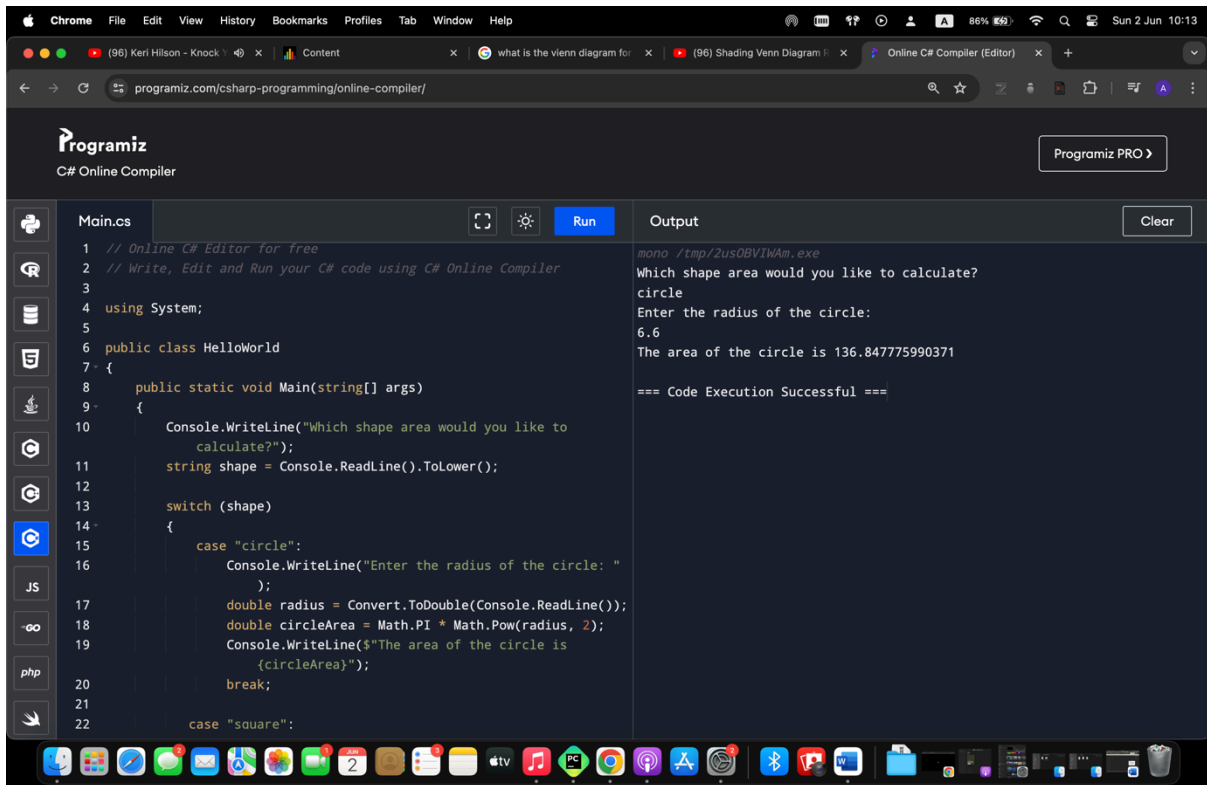
United states international university

PYTHON


```python
pi = 3.142
user_input = input("Which shape area would you like to calculate?\n").lower()
if user_input == "circle":
    radius = float(input("please enter the radius of the circle\n"))
    area = pi * (radius**2)
    print(f"The area of the circle is {area}")
elif user_input == "square":
    length = float(input("Enter the length of the square\n"))
    area = length**2
    print(f"The area of the square is {area}")
elif user_input == "rectangle":
    height = float(input("Enter the height of the rectangle?\n"))
    width = float(input("Enter the width of the rectangle\n"))
    area = height * width
    print(f"The area of the rectangle is {area}")
elif user_input == "triangle":
    height = float(input("Enter the height of the triangle\n"))
    base = float(input("Enter the base of the triangle\n"))
    area = 0.5*height*base
    print(f"The area of the triangle is {area}")
```

```
/usr/local/bin/python3.12 /Users/abdirizak/Desktop/pythonProject/main.py
Which shape area would you like to calculate?
circle
please enter the radius of the circle
6.8
The area of the circle is 145.28607999999997

Process finished with exit code 0
```

C#

https://www.programiz.com/online-compiler/593IFyhgJifss

JAVASCRIPT

https://www.programiz.com/online-compiler/9iJb9yVmaPDgR