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AI-generated content may be incorrect.

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**Internship Domain : PYTHON**

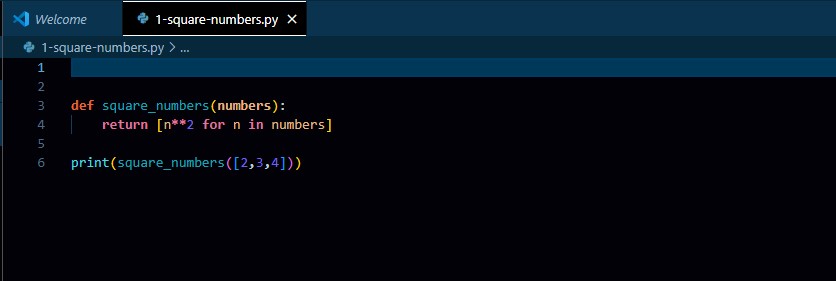
**Task Week : 05**

**Instructor Name : HASSAN ALI**

**Task 1 :**

Create a function `square\_numbers` that takes a list of numbers and returns a list of their squares.

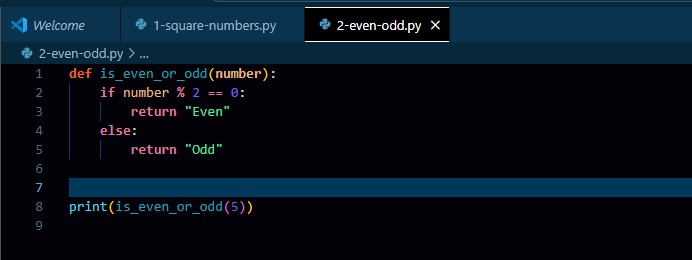
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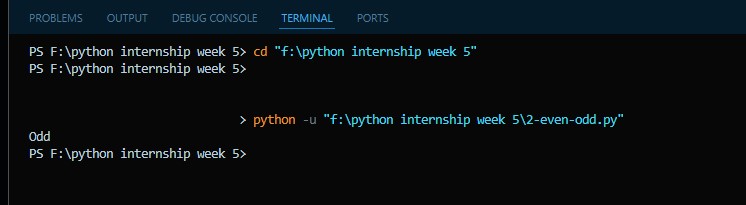


**Task 2 :**

Create a function `is\_even\_or\_odd` that takes a number and returns whether it is even or odd.

**Solution:**

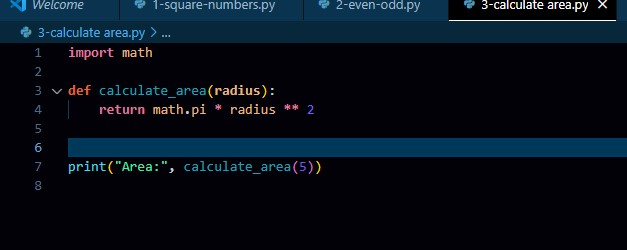


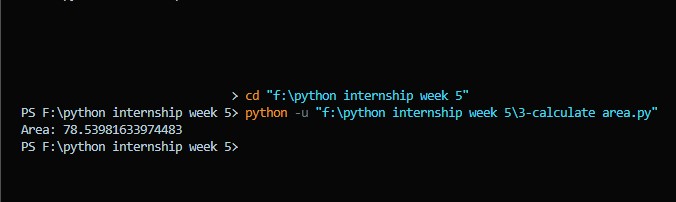


**Task 3:**

Write a function `calculate\_area` that takes radius and returns area of a circle.

**Solution:**

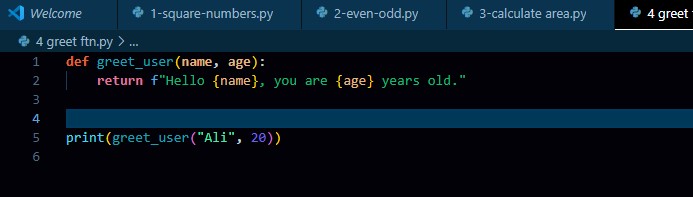




**Task 4:**

Write a function `greet\_user(name, age)` that returns a greeting like: 'Hello Ali, you are 20 years old.'

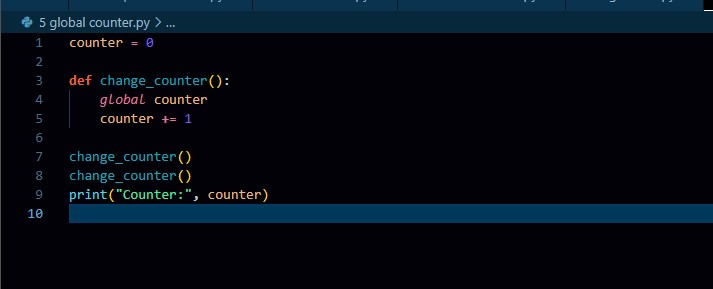
**Solution:**

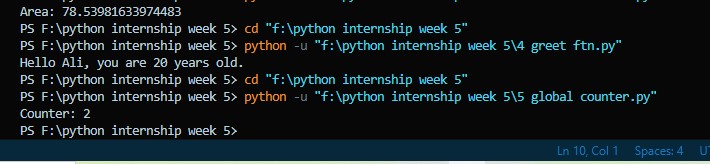
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**Task 5:**

Create a function `change\_counter()` that modifies a global counter variable.

**Solution:**

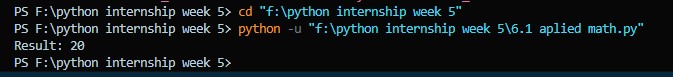
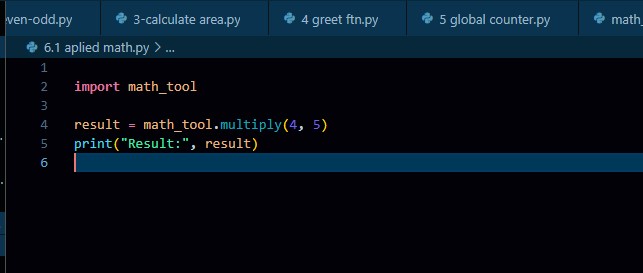
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**Task 6:**

Create a module named `math\_tools.py` with a function `multiply(x, y)` and use it in another script.

**Solution:**

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