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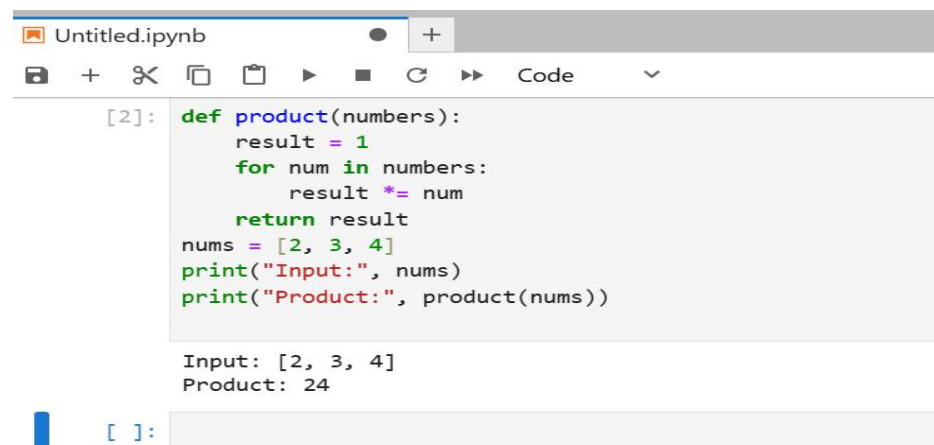
Roll number:Bit-24S-039

GitHub link:<https://github.com/saniakumari/Python-lab>

LAB:07

Task 1:

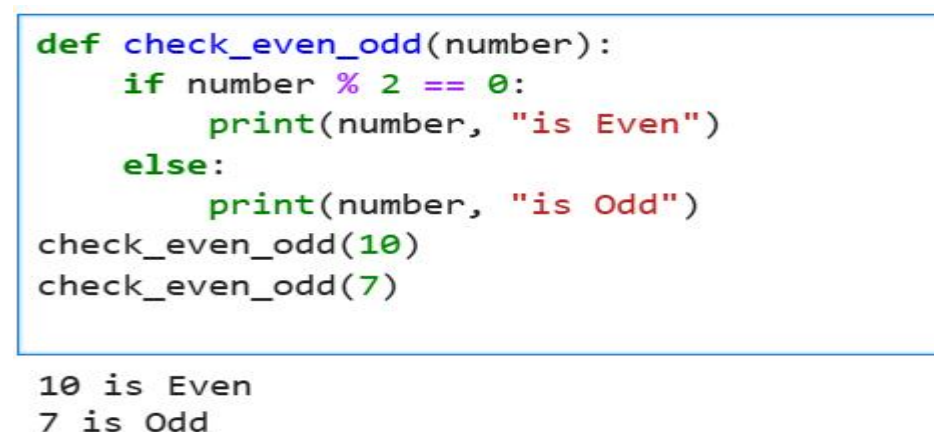
Q:01 Write a function that takes a numbers and returns their product.



```
Untitled.ipynb
[2]: def product(numbers):
      result = 1
      for num in numbers:
          result *= num
      return result
      nums = [2, 3, 4]
      print("Input:", nums)
      print("Product:", product(nums))

Input: [2, 3, 4]
Product: 24
[ ]:
```

Q:02 Write a function that checks whether a number is even or odd.



```
def check_even_odd(number):
    if number % 2 == 0:
        print(number, "is Even")
    else:
        print(number, "is Odd")
check_even_odd(10)
check_even_odd(7)

10 is Even
7 is Odd
```

Q:03 Write a function that takes a name and age and prints a greeting message to the user.

```
def greet_user(name, age):  
    print(f"Hello {name}! You are {age} years old.")  
greet_user("Alice", 25)  
greet_user("Bob", 30)
```

```
Hello Alice! You are 25 years old.  
Hello Bob! You are 30 years old.
```
