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GitHub Link: https://github.com/Beshair-Khan/Python-Lab

Lab 07

Task 1: Write a function that takes two numbers and returns their product. from 1 to 10 using a for loop.

```python
def product():
    a = int(input("Enter number 1: "))
    b = int(input("Enter number 2: "))
    result = a * b
    print(f"The product of {a} and {b} is: {result}")
product()
```

Output

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS D:\Uni programs> & C:/Users/TFS/AppData/Local/Programs/Python/Python310/python.exe "d:/Uni programs/task 7.py"
Enter number 1: 50
Enter number 2: 88
The product of 50 and 88 is: 4400
PS D:\Uni programs>
```

Task 2: Write a function that checks whether a number is even or odd.

```python
task 7.py > check_even_odd
1   def check_even_odd():
2       number = int(input("Enter a number: "))
3
4       if number % 2 == 0:
5           print(f"The number {number} is Even.")
6       else:
7           print(f"The number {number} is Odd.")
8
9   check_even_odd()
```

Output

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS D:\Uni programs> & C:/Users/TFS/AppData/Local/Programs/Python/Python310/python.exe "d:/Uni programs/task 7.py"
Enter a number: 33
The number 33 is Odd.
PS D:\Uni programs> & C:/Users/TFS/AppData/Local/Programs/Python/Python310/python.exe "d:/Uni programs/task 7.py"
Enter a number: 1024
The number 1024 is Even.
PS D:\Uni programs>
```

Task 3: Write a function that takes a name and age and prints a greeting message to the user

```
variable.py        task 7.py    X      presentation.py

task 7.py > ...
    1    def greet_user():
    2        name = input("Enter your name: ")
    3        age = input("Enter your age: ")
    4
    5        print(f"Hello {name}! You are {age} years old. Welcome!")
    6    greet_user()
```

Output

```
PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

PS D:\Uni programs> & C:/Users/TFS/AppData/Local/Programs/Python/Python310/python.exe "d:/Uni programs/task 7.py"
Enter your name: Beshair Khan
Enter your age: 19
Hello Beshair Khan! You are 19 years old. Welcome!
PS D:\Uni programs>
```