```
Python 3.12.4 (tags/v3.12.4:8e8a4ba, Jun  6 2024, 19:30:16) [MSC v.1940 64 bit
(AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
= RESTART: C:/Presidio Training/Day 56 - 27-06-2024/task.py
1) Print hello world

Hello World

----------------------------

2) Take a name and print greet

Enter your name: Gokul
Hello Gokul

----------------------------

3) Take name and gender print greet with salutation

Enter your name: Gokul
Enter your gender (male/female): male
Hello, Mr. Gokul

----------------------------

4) Take name, age, date of birth and phone print details in proper format

Enter your name: Raj
Enter your age: 25
Enter your date of birth: 1999-01-01
Enter your phone number: 9876543210
Name: Raj
Age: 25
Date of Birth: 1999-01-01
Phone: 9876543210

----------------------------

6) Find if the given number is prime

Enter a number: 77
77 is not a prime number.

----------------------------

7) Take 10 numbers and find the average of all the prime numbers in the collection

Enter number 1: 22
Enter number 2: 11
```

```
Enter number 3: 17
Enter number 4: 27
Enter number 5: 97
Enter number 6: 88
Enter number 7: 144
Enter number 8: 143
Enter number 9: 133
Enter number 10: 157
Average of prime numbers: 70.5
```

----

8) Length of a given input string

```
Enter a string: This is a test string
Length of the given string is 21
```

----

9) Find All Permutations of a given string

```
Enter a string: abde
Permutations of the given string are: ['abde', 'abed', 'adbe', 'adeb', 'aebd',
'aedb', 'bade', 'baed', 'bdae', 'bdea', 'bead', 'beda', 'dabe', 'daeb', 'dbae',
'dbea', 'deab', 'deba', 'eabd', 'eadb', 'ebad', 'ebda', 'edab', 'edba']
```

----

10) Print a pyramid of starts for the number of rows specified

```
Enter the number of rows: 5
    *
   ***
  *****
 *******
*********
```