

```
IDLE Shell 3.13.1
File Edit Shell Debug Options Window Help
Python 3.13.1 (tags/v3.13.1:0671451, Dec 3 2024, 19:06:28) [MSC v.1942 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
==== RESTART: C:/Users/KRIPAL/OneDrive/Desktop/Pyhon DS/project 2/Project.py ====
Welcome to the Pattern Generator and Number Analyzer!
Select an option :
1.Generate a Pattern
2.Analyze a Range of Number
Exit
Enter your choice: 1
enter the number of rows for the patterns : 10
patterns
*
**
***
****
*****
*****
*****
*****
*****
*****
Select an option :
1.Generate a Pattern
2.Analyze a Range of Number
Exit
Enter your choice: 2
Enter your range: 5
Enter your range: 15

even number: [6, 8, 10, 12, 14]
odd number: [5, 7, 9, 11, 13, 15]
total Number: 11
sum: 110
Select an option :
1.Generate a Pattern
2.Analyze a Range of Number
Exit
Enter your choice: 3
Exiting the program..
>>>
```