

NOTE:

- No need to submit anywhere, just keep track of all the PDF you made in a specific folder.
- Compare your solution with the solution I'll provide, in case of doubts, kindly reach out to me.
- You may get assignment solution in format of PDF or VIDEO solution, depending on the difficulty level.
- Q1. Calculate the cube of all numbers from 1 to a given number.
- **Q2.** Write a function named **notPrimeNumbers** which accepts 2 integers **n1** and **n2.** Print all the numbers from n1 to n2 which are **not prime.**

Example

notPrimeNumbers(5,20)

6 8 9 10 12 14 15 16 18 20

Q3. Write a function named **armstrongRange** which accepts 2 integers n1 and n2. Print all the numbers from n1 to n2 which are armstrong numbers.

Example

Enter the starting number: 56

Enter the ending number: 1000

Armstrong numbers between 56 and 1000 are:

153

370

371

407

Check online what is an armstrong number. Don't check the solution.

Q4. Write a Python program to check if a triangle is equilateral, isosceles or scalene.

Note:

An equilateral triangle is a triangle in which all three sides are equal.

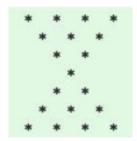
A scalene triangle is a triangle that has three unequal sides.

An isosceles triangle is a triangle with (at least) two equal sides.

Q5. Print the following pattern.



Q6. Print the following pattern.



Q7. Print the following pattern.

