

**GLS UNIVERSITY**  
**Msc.IT PROGRAMME [SEMESTER-I]**  
**SUBJECT: OBJECT ORIENTED PROGRAMMING FOR PYTHON**  
**LABORATORY**

**TASK - 2**

**DATE: 25JULY 2023**

**TASK DEADLINE: 3 AUGUST 2023**

1. Write a python program to find whether the given number is perfect or not .
2. Write a python program to find the given number is palindrome or not .
3. Write a python program to display the following pattern

```
*  
* *  
* * *  
* * * *  
* * * * *
```

4. Write a python program to take two numbers from user and apply inbuilt function to find absolute of no, ceil of number , floor, max, min, power, sqrt, round off the two numbers.
5. Write a python program to generate 20 numbers randomly in between 41 to 75.
6. Write a python program to find input string is alphabet,numeric and alphanumeric or is space.
7. Write a python program to implements function on the string
  - capitalize
  - center
  - count
  - find
  - lower
  - upper
  - replace
  - split
  - swap-case