



**PG - DAC Mar 2024**  
**C++ Programming**  
**Assignment -3 (Date:14/03/2023)**

1. Write a program to check whether a number is prime or not.
2. Write a program to generate first N prime numbers. Accept N from user.
3. Write a program to generate following pyramid

```
A
AB
ABC
....
A.....Z
```

4. Write a menu driven program to perform mathematical operations on two numbers.
  1. Add
  2. Sub
  3. Mul
  4. Div
  5. Exit

accept the menu option and numbers form user.

5. Generate following pyramid , accept the level from the user as input

```
1
1 2
1 2 3
....
1.....N where N is the level accepted as input
```