



Python Test-3 (Looping)

1. Write a program to print first n prime numbers
2. Write a program to calculate the sum of following series where n is input by user.

$$1/1! + 2/2! + 3/3! + 4/4! + \dots N/N!$$

3. Write a program to accept basic salary of n emp. (n should be accepted from user). If basic salary is below 20000 then da=10%,ta=12% and hra=15% otherwise da=15%,ta=18% and hra=20%. Based on this calculate the total salary of each emp and also total salary of all emp.

4. Write a program to print pattern

```
10101
01010
10101
01010
10101
```