1. Find if the given number is prime or not

2. Find out all factors of N

3. Print all prime numbers from 1 to N

4. Print the first “N” prime numbers starting from 2.

5. Find the number of prime numbers less than or equal to “N”.

6. Print all prime numbers between m and n. Assume m is always less than n.

7. Find out number of prime numbers between “m” and “n”. Assume m is always less than n.

8. Print all prime numbers between m and n. Assume m is greater than n.

9. Find out number of prime numbers between “m” and “n”. Assume m is greater than n.

10. What if “m” is an Even Number.

11. What if “m” is an ODD Number.

12. Print out all prime factors of “N”