Assignment-1

1. 1-3+5-…………n
2. Input any number to check is it a Prime number or not.
3. Input any number to check is it a Peterson number or not.
   Ex: 145=1!+4!+5!
4. Input any number to check weather it is an Amstrong Number or not
   Ex: 153=1^3+5^3+3^3
5. Input a number and reverse it.
6. ****
   ****
   ****
7.   *
    ***

    *****

   ****

8. 1
   01
   010
   1010
9. 1
   01
   101
   0101

10.   4

     434

    43234

   4321234

11. Input any string and check weather it is palindrome or not.