1-palindrome or not

```
#include<iostream>
using namespace std;
int main()
{
   int x = 101;
   int a;
   int b;
   int c;
   int sum;

  a = x%10;
  b = (x/10) % 10;
  c = (x/100) % 10;

  sum = (a*100)+(b*10)+c;

  cout << a << endl;
  cout << b << endl;
  cout << c << endl;
  cout << sum << endl;

  if(x == sum){
     cout << "palindrome";
  }
  else{
     cout << "NOt palindrome";
  }

}
```

2-flip the first and last digit of an integer

```
#include<iostream>
using namespace std;
int main()
```

```
{
   int numone = 145;
   int a;
   int b;
   int m;
   int numtow;

  a = numone%10;
  m = (numone / 10) % 10;
  b = (numone/100) % 10;

 numtow = (a*100)+(m*10)+b;

  cout << a << endl;
  cout << b << endl;
  cout << m << endl;
  cout << numtow << endl;

}
```

3-year is palindrome or not.

```
#include<iostream>
using namespace std;
    int main()
        {
   int year = 2464;
        int a;
        int b;
        int c;
        int d;
       int sum;

        a = year%10;
    b = (year/10) % 10;
    c = (year/100) % 10;
   d = (year/1000) % 10;

sum = (a*1000)+(b*100)+(c*10)+d;
```

```
                        cout << a << endl;
                        cout << b << endl;
                        cout << c << endl;
                        cout << d << endl;
                       cout << sum << endl;

                         if(year == sum){
                        cout << "palindrome";
                                 }
                                else{
                      cout << "NOt palindrome";
                                  }

                                 }
```

4- find nth

```
    nthsys(number,power);

void nthsys(int n,int p)
   {
       int realn = n;
       for(int i = 1; i < p; i++)
       {
          int nth = n * realn;
           n = nth;
           if (i == (p-1))
           {
               Debug.Log(nth);
           }
       }

   }
```