

```

#include <iostream>
using namespace std;
int main() // cmmcp
{
    long long n;
    int cfmax=-1;
    cin>>n; // 10000
    if(n==0)
    {
        cout<<n; return 0;
    }
    else
    {
        while(n>0)
        {
            if(n%2==0)
                if(n%10>cfmax) cfmax=n%10;
            n=n/10;
        }
        if(cfmax==0) cout<<10;
        else
            cout<<cfmax;//0 -1
    }

    return 0;
}

```

```

#include <iostream>

using namespace std; // suma37

int main()
{
    int n,s=0,c;

    cin>>n;

    while (n>0)

    {

        c=n%10;

        if (3<=c && c<=7) s+=c;

        n=n/10;

    }

    cout<<s;

    return 0;
}

```

```

#include <iostream>
using namespace std; //prod_pi
int main()
{
    int n, a, cifmax=-1, cif1, cifmin=10, cif2;
    cin >> n;
    a=n;
    if(n==0)
    {
        cifmax=0;
    }
    else
    {
        while(n>0)
        {
            cif1=n%10;
            n=n/10;
            if(cif1>cifmax && cif1%2==0)
            {
                cifmax=cif1;
            }
        }
    }
    while(a>0)
    {
        cif2=a%10;
        a=a/10;
        if(cif2<cifmin && cif2%2==1)
        {
            cifmin=cif2;
        }
    }
    cout << cifmin*cifmax;
    return 0;
}

```

```

#include <iostream>
using namespace std;
int main()//cmmk
{
    int k,uc,ok=1;
    long long n;
    cin>>n>>k; // 0 7 , 0 0 ,
    if(n==0)
    {
        if(k==0) cout<<"DA";
        else cout<<"NU";
    }
    else
    {
        while(n>0) // trateaza cazul in care n>0
        {
            uc=n%10;
            if(uc>k)
                ok=0;
            n=n/10;
        }
        if(ok==0)
            cout<<"NU";
        else
            cout<<"DA";
    }

    return 0;
}

```

```

#include <iostream>

using namespace std; //mingx

int main()
{
    long long int n,x,c=10;
    cin>>n>>x;

    while (n)
    {
        if(n%10 > x && n%10 < c)
        {
            c = n%10;
        }
        n = n/10;
    }
    if (c == 10)
    {
        c = -1;
    }

    cout<<c;

    return 0;
}

```

```
#include <iostream>
using namespace std; // suma_cifrelor
int main(){
    int n,suma,cifra;
    cin>>n;
    suma=0;
    while(n>0){
        cifra=n%10;
        n=n/10;
        suma=suma+cifra;
    }
    cout<<suma;
}
```

```

#include <iostream>

using namespace std; //cifraimparamaxima

int main()
{
    long long n, cifmax, c;
    cin>>n;
    if(n==0)
        cout<<"nu exista";
    else{
        cifmax=-1;
        while(n){
            c=n%10;
            n=n/10;
            if(cifmax<c && c%2==1)
                cifmax=c;
        }
        if(cifmax==-1)
            cout<<"nu exista";
        else
            cout<<cifmax;}

    return 0;
}

```

```

#include <iostream>

using namespace std; //cifmaximp

int main()
{
    int n,cifmax=0,cif,i,gasit=0,x;
    cin>>n;
    for(i=1;i<=n;i++)
    {
        cin>>x;
        cifmax=0;
        while(x>0)
        {
            cif=x%10;
            x=x/10;
            if(cif>cifmax)
            {
                cifmax=cif;
            }
        }
        if(cifmax%2==1)
        {
            gasit++;
        }
    }
    cout<<gasit;
    return 0;
}

```



```

#include <iostream>
using namespace std; //produscifreimpare
int main ()
{
    int n, ucf, p, nrimpare;
    cin >> n;
    p=1;
    nrimpare=0;
    while (n>0)
    {
        ucf = n % 10;
        n = n / 10;
        if (ucf%2==1)
            {p=p*ucf;nrimpare++;}
    }

    if (nrimpare==0)
        cout << -1;
    else
        cout << p;
    return 0;
}

```

```

#include <iostream>
using namespace std; //prod k

long long int n, k, p = 1;

int main()
{
    cin >> n >> k;
    int cifdif = 0;
    do
    {
        int cif = n % 10;
        if(cif != k)
        {
            p *= cif;
            cifdif++;
        }
        n /= 10;

    }while(n!=0);
    if(cifdif != 0)
        cout << p << "\n";
    else
        cout << 0 << "\n";
    return 0;
}

```

```
#include<iostream>
using namespace std;//numaruldecifre

int main()
{
    int n, k=0;
    cin >> n;
    do
    {
        k++;
        n/=10;
    }while(n!=0);

    cout << k;
    return 0;
}
```

```

#include<iostream>
using namespace std;//ciframaxima

int main()
{
    int n, k=0, maxim=-1;
    cin >> n;
    do
    {
        if(n%10>maxim)
            maxim=n%10;
        n/=10;
    }while(n!=0);

    cout << maxim;
    return 0;
}

```