

```

#include <iostream>
#include <fstream>
using namespace std;
int main()
{
    long n, c, ogl;
    int s, p, nr, cmax, cmin;
    ifstream f("numere.in");
    ofstream g("numere.out");
    f>>n;
    s=0; c=n;
    while(c!=0)
    {
        s=s+(c%10);
        c=c/10;
    }
    g<<s<<endl;
    s=0; c=n;
    while(c!=0)
    {
        if(c%2==0)
            s=s+(c%10);
        c=c/10;
    }
    g<<s<<endl;
    s=0; c=n;
    while(c!=0)
    {
        if(c%2==1)
            s=s+(c%10);
        c=c/10;
    }
    g<<s<<endl;
}

```

```

p=1; c=n;
while(c!=0)
{
    p=p*(c%10);
    c=c/10;
}
g<<p<<endl;
p=1; c=n;
while(c!=0)
{
    if(c%2==0)
        p=p*(c%10);
    c=c/10;
}
g<<p<<endl;
p=1; c=n;
while(c!=0)
{
    if(c%2==1)
        p=p*(c%10);
    c=c/10;
}
g<<p<<endl;

```

```

nr=0; c=n;
while(c!=0)
{
    nr++;
    c=c/10;
}
g<<nr<<endl;
nr=0; c=n;
while(c!=0)
{
    if(c%2==0)
        nr++;
    c=c/10;
}
g<<nr<<endl;
nr=0; c=n;
while(c!=0)
{
    if(c%2==1)
        nr++;
    c=c/10;
}
g<<nr<<endl;

```

```

c=n; ogl=0;
while(c!=0)
{
    ogl=ogl*10+(c%10);
    c=c/10;
}
g<<ogl<<endl;
c=n; cmax=0;
while(c!=0)
{
    if(c%10>cmax)
        cmax=c%10;
    c=c/10;
}
g<<cmax<<endl;
c=n; cmin=10;
while(c!=0)
{
    if(c%10<cmin)
        cmin=c%10;
    c=c/10;
}
g<<cmin<<endl;
f.close();
g.close();
return 0;

```

numere.out X

1	32
2	12
3	20
4	7840
5	32
6	245
7	7
8	3
9	4
10	7782512
11	8
12	1
13	

numere.in X

1	2152877
2	