

Management X

Projects Symbols Files >

Workspace

Tema 16

Sources main.cpp

Others numar.in numere.out

numar.in X

1	123456
2	

main.cpp X

```
1 #include <iostream>
2 #include <fstream>
3
4 using namespace std;
5
6 int main()
7 {
8     ifstream ff("numar.in");
9     long x;
10    ff>>x;
11    ff.close();
12    ofstream g("numere.out");
13    int a,b,c,d,e,f;
14    a=x/100000;
15    b=(x/10000)%10;
16    c=(x/1000)%10;;
17    d=(x/100)%10;;
18    e=(x/10)%10;;
19    f=x%10;
20    if(a%2==0)g<<a<<' ' ; if(b%2==0)g<<b<<' ' ;
21    if(c%2==0)g<<c<<' ' ; if(d%2==0)g<<d<<' ' ;
22    if(e%2==0)g<<e<<' ' ; if(f%2==0)g<<f<<' ' ;
23    g<<endl;
24    if(f%2==1)g<<f<<' ' ; if(e%2==1)g<<e<<' ' ;
25    if(d%2==1)g<<d<<' ' ; if(c%2==1)g<<c<<' ' ;
26    if(b%2==1)g<<b<<' ' ; if(a%2==1)g<<a<<' ' ;
27    g<<endl;
28    g<<f*100000+b*10000+c*1000+d*100+e*10+a<<endl;
29    g<<e*100000+f*10000+c*1000+d*100+a*10+b<<endl;
30    g<<d*100000+e*10000+f*1000+a*100+b*10+c<<endl;
31    g<<f*100000+e*10000+d*1000+c*100+b*10+a<<endl;
32
33 }
34 }
```

numere.out X

1	2 4 6
2	5 3 1
3	623451
4	563412
5	456123
6	654321
7	

Management X

Projects Symbols Files

Workspace

Tema 17

Sources

main.cpp

Others

numar.in

numere.out

numar.in X

1 402592

2

main.cpp X

```
#include <iostream>
#include <fstream>

using namespace std;

int main()
{
    ifstream ff("numar.in");
    long x;
    ff>>x;
    ff.close();
    ofstream g("numere.out");
    int a,b,c,d,e,f,nr1=0,nr2=0,nr3=0;
    a=x/100000;
    b=(x/10000)%10;
    c=(x/1000)%10;;
    d=(x/100)%10;;
    e=(x/10)%10;;
    f=x%10;
    if(a%2==0)nr1++; if(b%2==0)nr1++;
    if(c%2==0)nr1++; if(d%2==0)nr1++;
    if(e%2==0)nr1++; if(f%2==0)nr1++;
    g<<nr1<<endl;
    if(a%2==1)nr2++; if(b%2==1)nr2++;
    if(c%2==1)nr2++; if(d%2==1)nr2++;
    if(e%2==1)nr2++; if(f%2==1)nr2++;
    g<<nr2<<endl;
    if(a%5==0)nr3++; if(b%5==0)nr3++;
    if(c%5==0)nr3++; if(d%5==0)nr3++;
    if(e%5==0)nr3++; if(f%5==0)nr3++;
    g<<nr3<<endl;
    return 0;
}
```

numere.out X

1	4
2	2
3	2
4	

Management X

Projects Symbols Files

Workspace

Tema 18

Sources main.cpp

Others impar.out numar.in par.out

par.out X

1	2	4
2	4	6
3	6	8
4		

impar.out X

1	1	1
2	1	3
3		

numar.in X

1	1132468
2	

main.cpp X

```
1 #include <iostream>
2 #include <fstream>
3
4 using namespace std;
5
6 int main()
7 {
8     ifstream p ("numar.in");
9     long x;
10    p>>x;
11    p.close();
12    int a,b,c,d,e,f,g;
13    a=x/1000000;    b=(x/100000)%10;
14    c=(x/10000)%10; d=(x/1000)%10;;
15    e=(x/100)%10;   f=(x/10)%10;      g=x%10;
16    ofstream w1("par.out");
17    if(a%2==0 && b%2==0)w1<<a<<' '<<b<<endl;
18    if(b%2==0 && c%2==0)w1<<b<<' '<<c<<endl;
19    if(c%2==0 && d%2==0)w1<<c<<' '<<d<<endl;
20    if(d%2==0 && e%2==0)w1<<d<<' '<<e<<endl;
21    if(e%2==0 && f%2==0)w1<<e<<' '<<f<<endl;
22    if(f%2==0 && g%2==0)w1<<f<<' '<<g<<endl;
23    w1.close();
24    ofstream w2 ("impar.out");
25    if(a%2==1 && b%2==1)w2<<a<<' '<<b<<endl;
26    if(b%2==1 && c%2==1)w2<<b<<' '<<c<<endl;
27    if(c%2==1 && d%2==1)w2<<c<<' '<<d<<endl;
28    if(d%2==1 && e%2==1)w2<<d<<' '<<e<<endl;
29    if(e%2==1 && f%2==1)w2<<e<<' '<<f<<endl;
30    if(f%2==1 && g%2==1)w2<<f<<' '<<g<<endl;
31    w2.close();
32
33 }
```