

II.1.c.	<pre>#include <iostream> using namespace std; int main() { int i,n,m; cin>>n; i=1; while(i<=n) { m=i; while(m%2==0) m=m/2; if (m!=i) cout<<m<<' '; i++; } return 0; }</pre>
II.1.d.	citește n (număr natural, $n \geq 2$) pentru $i \leftarrow 1$, n execută <pre> m ← i cât timp $m \% 2 = 0$ execută m ← $\lfloor m/2 \rfloor$ ■ dacă $m \neq i$ atunci scrie m, ' ' ■ ■</pre>
II.3	<pre>c=0; for(i=1;i<=10;i++) { cin>>s; if (strlen(s)==2) if (strchr("aeiou", s[0])==0 && strchr("aeiou", s[1])!=0 strchr("aeiou", s[0])!=0 && strchr("aeiou", s[1])==0) c=1; }</pre>
III.1	<pre>Int fulg(long n) { int fr[10],i,cnt=0,ok1=1,ok2=1; for(i=0;i<=9;i++) fr[i]=0; while(n!=0) { fr[n%10]++; cnt++; n/=10; } for(i=0;i<=9;i++) if(1<=i && i<=4 && fr[i]==0) ok1=0; else if((1>i i>4) && fr[i]!=0) ok2=0; if(ok1==1 && ok2==1 && cnt==9) return 1; else return 0; }</pre>
III.2	<pre>#include <iostream> using namespace std; int generata(int a, int b) {</pre>

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int copie=b,nou=0,p=1;
while(b!=0)
{
    p*=10;
    b/=10;
}
nou=a*p+copie;
return nou;
}
int main()
{
    int i,j,m,n,a[51][51],nr;
    cin>>m>>n;
    for(i=1;i<=m;i++)
        for(j=1;j<=n;j++)
            if (generata(i,j)<generata(j,i)) a[i][j] =generata(i,j);
            else a[i][j]=generata(j,i);

    for(i=1;i<=m;i++)
    {
        for(j=1;j<=n;j++)
            cout<<a[i][j]<<' ';
        cout<<endl;
    }

    return 0;
}

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III.3

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#include <iostream>
#include <fstream>
using namespace std;
ifstream f("numere.in");
int main()
{
    int maxi=-1,max_cif=-1,c1,c2,prm=-1,ultm=-1,x;
    while(f>>x)
    {
        c1=x%10;
        c2=x/10%10;
        if(c1>=c2) max_cif=c1;
        else max_cif=c2;
        if(max_cif>maxi)
        {
            maxi=max_cif;
            prm=x;
            ultm=-1;
        }
        else if (max_cif==maxi) ultm=x;
    }
    if(ultm!=-1) cout<<prm<<' '<<ultm;
    else cout<<"nu exista";
    return 0;
}

```