

main.cpp C:\...\tema info 3- pr 20 X

main.cpp C:\...\tema info 2 ●

README.md ●

C: > Users > Amana > OneDrive > Desktop > tema info > tema 3-info > tema info 3- pr 20 > main.cpp

```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int n,c,n1,n2=0;
8      cin>>n;
9      n1=n;
10     while(n)
11     {
12         c=n%10; n=n/10;
13         n2=n2*10+c;
14     }
15     cout<<n2;
16     return 0;
17 }
18
```

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main.cpp C:\...tema info 3- pr 21 X main.cpp C:\...tema info 2 README.md

C:\> Users > Amana > OneDrive > Desktop > teme info > tema 3-info > tema info 3- pr 21 > main.cpp

```
1 #include <iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     int a,b,a1=0,b1=0,c,c1;
8     cin>>a>>b;
9     while(a)
10     {c=a%10;
11      a=a/10;
12      a1=a1*10+c;}
13     while(b)
14     {c1=b%10;
15      b=b/10;
16      b1=b1*10+c1;}
17     if(a1>b1)
18     cout<<a1;
19     else
20     cout<<b1;
21     return 0;
22 }
23
```

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```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int n,a,i,c,k=0,q=0;
8      cin>>n;
9      for(i=1;i<=n;i++)
10     {
11         cout<<"a=";cin>>a;
12
13         while(a)
14         {
15             c=a%10;
16             a=a/10;
17             if(c%2==0)
18                 k++;
19             else
20                 q++;
21         }
22     }
23     cout<<k<<" cifre pare si "<<q<<" cifre impare";
24     return 0;
25 }
26
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int n,c,s=0,max=0;
```

```
    cin>>n;
```

```
    while(n)
```

```
    {
```

```
        c=n%10; n=n/10;
```

```
        if(c>max)
```

```
        {max=c;
```

```
        s=s+c;}
```

```
    }
```

```
    cout<<s;
```

```
    return 0;
```

```
}
```



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```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int n,c,s=0,max=0;
8      cin>>n;
9      while(n)
10     {
11         c=n%10; n=n/10;
12         if(c>max)
13             {max=c;
14              s=s+c;}
15     }
16     cout<<s;
17     return 0;
18 }
19
```

I

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int n,c,c1;
```

```
    cin>>n;
```

```
    while(n
```

```
    {
```

```
        c=n%10; n=n/10;
```

```
        if(c%2==0)
```

```
        {
```

```
            c1=c;
```

```
            n=0;
```

```
        }
```

```
    }
```

```
    cout<<c1;
```

```
    return 0;
```

```
}
```

I

```
2
3 using namespace std;
4
5 int main()
6 {
7     int n,c,c1,k=0, n1;
8     cin>>n;
9     n1=n;
10    while(n>9)
11    {c=n%10;
12     n=n/10;}
13    while(n1)
14    {
15        c1=n1%10;
16        n1=n1/10;
17        if(c1<c)
18            k++;
19    }
20    cout<<k;
21    return 0;
22 }
23
```

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C:\Users\Amana>OneDrive>Desktop>teme info>tema 3-info>tema info 3- pr 26> main.cpp

```
1  #include <iostream>
2
3  using namespace std;
4
5  int main() {
6      int x,y,z,k=0;
7      cin>>x>>y>>z;
8      for (int numar = 100000; numar <= 999999; ++numar)
9      {int cifraSuteMii = (numar / 100000) % 10;
10     int cifraMii = (numar / 10000) % 10;
11     int cifraZeciMii = (numar / 1000) % 10;
12     int sumaCifreSuteZeciUnitati = (numar / 100) % 10 + (numar / 10) % 10 + numar % 10;
13     if (cifraSuteMii >= x && cifraMii == y && cifraZeciMii == y && sumaCifreSuteZeciUnitati == z)
14         k++;
15     }
16
17     cout << " Numarul de numere de exact sase cifre care indeplinesc conditiile este: " << k << endl;
18     return 0;}
19
```



```
using namespace std;
```

```
int main()
```

```
{
```

```
    int n,i,a,c,k=0,q=0;
```

```
    cin>>n;
```

```
    for(i=1;i<=n;i++)
```

```
    {
```

```
        cin>>a;
```

```
        while(a
```

```
        {
```

```
            c=a%10;
```

```
            a=a/10;
```

```
            k++;
```

```
        }
```

```
        if(k%2==1)
```

```
        q++;
```

```
    }
```

```
    cout<<q;
```

```
    return 0;
```

```
}
```

I

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```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  { int n,a,c,k=0,q=0,i;
7
8      cin>>n;
9      for(i=1;i<=n;i++)
10     { k=0;
11       cin>>a;
12       while(a
13       {
14           c=a%10;
15           a=a/10;
16           if(c=0)
17               k++;
18       }
19       if(k=1)
20           q++;
21     }
22     cout<<q;
23     return 0;
24 }
25
```

```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int n,n1,n2,n3,max=0,min=99999,c, c1;
8      cin>>n;
9      n1=n;
10     while(n)
11     {
12         c=n%10;
13         n=n/10;
14         if(c>max)
15             max=c;
16         if(c<min)
17             min=c;
18     }
19     while(n1)
20     { c1=n1%10;
21       if(c1==min)
22         c1=max;
23       else if(c1==max)
24         c1=min;
25       n2=n2*10+c1;
26       n1=n1/10;
27     }
28     while(n2)
29     { n3=n3*10+n2%10;
30       n2=n2/10;
31     }
32
33     cout<<n3;
34     return 0;
35 }
```

I



```

2
3 using namespace std;
4
5 int main() {
6     int c,n,p=1,r=0;
7     cin>>n;
8     while(n>0)
9     {
10        c=n%10;
11        if(c>2 && c<6)
12        {
13            r=r+c*p;
14            p=p*10;
15        }
16        n=n/10;
17    }
18    if (r==0)
19    {
20        cout << "Nu exista cifre in intervalul (2, 6) in numarul dat." << endl;
21    }
22    else
23    {
24        cout << "Numarul obtinut prin eliminarea cifrelor este: " << r << endl;
25    }
26    return 0;
27 }
28
29

```

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```
C: > Users > Amana > OneDrive > Desktop > teme info > tema 3-info > tema info 3- pr 31 > main.cpp
1  #include <iostream>
2
3  using namespace std;
4
5  int main() {
6      int n,c,c1,n1,k=0,nr;
7      cin>>n;
8      n1=n;
9      while(n1>99)
10     { c=n1%10;
11       n1=n1/10;
12     }
13     nr=n1%10;
14     while(n)
15     {
16         c1=n%10;
17         if (c>nr)
18             k++;
19         n=n/10;
20     }
21     cout << "Numarul de cifre mai mari decat a doua cifra este: " << k << endl;
22     return 0;
23 }
24
```

C: > Users > Amana > OneDrive > Desktop > teme info > tema 3-info > tema info 3- pr 32 > main.cpp

```
1 #include <iostream>
2
3 using namespace std;
4
5 int main() {
6     int n,c, k=0,q=0;
7     cin >> n;
8     while (n > 0)
9     {
10         c=n%10;
11         if (c == 2)
12         {
13             k++;
14         }
15         else if (c == 3)
16         {
17             q++;
18         }
19         n=n/10;
20     }
21     if (k>q) {
22         cout << "2" << endl;
23     } else if(k<q) {
24         cout << "3" << endl;
25     } else {
26         cout <<"egale"<<endl;
27     }
28     return 0;
29 }
30
```

I

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int n,c,k=0,c1,n1;
```

```
    cin>>n;
```

```
    n1=n;
```

```
    while(n)
```

```
    {c=n1%10;
```

```
      c1=n%10;
```

```
      n=n/10;
```

```
      if(c==c1)
```

```
      {k++;}
```

```
    }
```

```
    cout<<k;
```

```
    return 0;
```

```
}
```

I



```

2
3 using namespace std;
4
5 int main()
6 {
7     int n,n1,k=0,c,c1;
8     cin>>n;
9     n1=n;
10    while(n>9)
11    {
12        c=n%10;
13        n=n/10;
14    }
15
16    while(n1)
17    {
18        c1=n1%10;
19        n1=n1/10;
20        if(c==c1)
21            {k++;}
22    }
23    cout<<k;
24    return 0;
25 }
26

```

I



```
1 #include <iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     int n,c,j=0,k=0,q=0;
8     cin>>n;
9     while(n)
10     {
11         c=n%10;
12         n=n/10;
13         if(c==1)
14             k++;
15         if(c==0)
16             q++;
17         if(c!=0 && c!=1)
18             j++;
19     }
20     if(j>0)
21         cout<<"exista si alte numere"<<endl;
22     if(k>0)
23         cout<<"exista cifre de 1"<<endl;
24     if(q>0)
25         cout<<"exista cifre de 0"<<endl;
26     return 0;
27 }
28
```

main.cpp C:\...\tema info 3- pr 36 X main.cpp C:\...\tema info 2 README.md

C: > Users > Amana > OneDrive > Desktop > tema info > tema 3-info > tema info 3- pr 36 > main.cpp

```
1 #include <iostream>
2
3 using namespace std;
4
5 int main()
6 {
7     int a,b,c,k=0,q=0,a1,a2,b1,b2;
8     cin>>a>>b;
9     a1=a;
10    a2=a;
11    b2=b;
12    while(a)
13    {
14        a=a/10;
15        k++;}
16    b1=b;
17    while(b)
18    {b=b/10;
19     q++;
20    }
21    if(k>=q)
22    {
23        while(b1>9)
24        {c=b1%10;
25         b1=b1/10;
26        }
27        while(q)
28        {a1=a1/10;
29         q--;}
30        if((a1%10+c)>=10)
31        cout<<"nu stie sa calculeze, insa poate lua "<<a2+b2<<" bomboane";
32        else
33        cout<<"stie sa calculeze faptul ca poate lua "<<a2+b2<<" bomboane";
34        }
35    else
36    {
```

Do you want to extend this pack?

Do you want to extend this pack?

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C:\Users\Amana> OneDrive > Desktop > tema info > tema 3-info > tema info 3- pr 36 > main.cpp

```
28  {a1=a1/10,
29  q--;}
30  if((a1%10+c)>=10)
31  cout<<"nu stie sa calculeze, insa poate lua "<<a2+b2<<" bomboane";
32  else
33  cout<<"stie sa calculeze faptul ca poate lua "<<a2+b2<<" bomboane";
34  }
35  else
36  {
37  while(a1>9)
38  {c=a1%10;
39  a1=a1/10;
40  }
41  while(k)
42  {b1=b1/10;
43  k--;}
44  if((b1%10+c)>=10)
45  cout<<"nu stie sa calculeze, insa poate lua "<<a2+b2<<" bomboane";
46  else
47  cout<<"stie sa calculeze faptul ca poate lua "<<a2+b2<<" bomboane";
48
49  }
50  return 0;
51 }
52
```

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```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int n, nr;
8      cin>>n;
9      while(n>9)
10     {nr=n%100;
11      n=n/10;
12     }
13     cout<<nr<<endl;
14     cout<<nr%10+(nr%100-nr%10)/10;
15     return 0;
16 }
17
```



main.cpp C:\...\tema info 3- pr 38 X

main.cpp C:\...\tema info 2 ●

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```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int n,c,max=0,k=0;
8      cin>>n;
9      while(n)
10     {c=n%10;
11       n=n/10;
12       if(c>max)
13       {max=c;
14        k=1;}
15       else if(c==max)
16       k++;
17     }
18     cout<<max<<" apare de "<<k<<" ori ";
19     return 0;
20 }
21
```

main.cpp C:\...\tema info 3- pr 39 X

main.cpp C:\...\tema info 2 ●

README.md ●

C: > Users > Amana > OneDrive > Desktop > tema info > tema 3-info > tema info 3- pr 39 > main.cpp

```
1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int n, nr;
8      cin>>n;
9      while(n>9)
10     {nr=n%100;
11      n=n/10;
12     }
13     cout<<(nr%10)*((nr%100-nr%10)/10);
14     return 0;
15 }
16
```

```
using namespace std;
int main()
{
    int n,s1,s=0,j=0,k=0;
    cin>>n;
    while(n)
    { s=s+n%10;
      n=n/10;
      j++;
    }
    s1=s;
    while(s>9)
    { cout<<"9";
      k++;
      s=s-9;
    }
    cout<<s;
    while(k<j-1)
    {
        cout<<"0";
        k++;
    }
    return 0;
}
```

I