



PROGRAMI I ORIENTUAR NE OBJEKTE

Control Statements

TE SHKRUHET KODI I CILI E GJEN MAKSIMUMIN E TRE NUMRAVE



```
24 | #include <iostream>
25 | using namespace std;
26 | int main ()
27 | {
28 |     int a,b,c,max;
29 |     cout<<"Jep tre vlera te ndara me space\t";
30 |     cin>>a>>b>>c;
31 |     max=a;
32 |         if(b>max)
33 |             max=b;
34 |         if(c>max)
35 |             max=c;
36 |     cout<<"Maksimumi eshte\t"<<max;
37 |         cin.get();cin.get();
38 |     return 0;
39 | }
40 |
```

TE SHKRUHET KODI I CILI PERCAKTON NOTE KALUESE OSE JOKALUESE



```
24  #include <iostream>
25  using namespace std;
26
27
28  int main ()
29  {
30      int piket;
31      cout<<"Jepi piket e fituara\t";
32      cin>>piket;
33
34      if (piket >= 60 )
35          cout << "Passed.\n";
36      else {
37          cout << "Failed.\n";
38          cout << "You must take this course again.\n"; }
39
40
41      cin.get();cin.get();
42      return 0;
43  }
```

TE SHKRUHET KODI I CILI NE BAZE TE PIKEVE TREGON SE CFARE NOTE KENI MARE



```
24 | #include <iostream>
25 | using namespace std;
26 | int main ()
27 | {
28 |     int piket,nota;
29 |     cout<<"Jepe numrin e pikeve te fituara\t";
30 |     cin>>piket;
31 |     if(piket>=90)
32 |         nota=10;
33 |     else
34 |         if(piket>=80)
35 |             nota=9;
36 |         else
37 |             if(piket>=70)
38 |                 nota=8;
39 |             else
40 |                 if(piket>=60)
41 |                     nota=7;
42 |                 else
43 |                     if(piket>=50)
44 |                         nota=6;
45 |                     else
46 |                         nota=5;
47 |     cout<<"Nota e Fituar eshte\t"<<nota;
48 |     cin.get();cin.get();
49 |     return 0;
50 | }
```

TE LLOGARITET PRODHIMI I NUMRAVE CIFT PREJ 0 DERI NE 10



```
1  #include <iostream>
2  using namespace std;
3  int main()
4  {
5      int nr,p;
6      p=1;
7      nr=2;
8      while (nr<=10)
9      {
10         p=p*nr;
11         nr=nr+2;
12     }
13     cout<<"Prodhimii numrave cifte prej 0-->10 eshte:\t"<<p;
14     cin.get();cin.get();
15     return 0;
16 }
```

COUNTER-CONTROLLED REPETITION



```
1 // Counter-controlled repetition.
2 #include <iostream>
3 using namespace std;
4
5 int main()
6 {
7     int counter = 1; // declare and initialize control variable
8     while (counter <= 10) // loop-continuation condition
9     {
10         cout << counter << " " ;
11         ++counter; // increment control variable by 1
12     } // end while
13     cout << endl; // output anewline
14     cin.get();
15     cin.get();
16 } // end main
17
```

TE LLOGARITET NOTA MESATARE PER NXENESIT E NJE KLASE



```
1  #include <iostream>
2  using namespace std;
3  int main()
4  {
5      int i,n;
6      double s,nota;
7      i=0;
8      s=0.0;
9      cout<<"Jepe numrin e nxenesve te klases\t";
10     cin>>n;
11     while (i<n)
12     {
13         i=i+1;
14         cout<<"\nJepe noten e nxenesit\t"<<i<<":";
15         cin>>nota;
16         s=s+nota;
17     }
18     s=s/n;
19     cout<<"\nMesatarja eshte:\t"<<s;
20     cin.get();cin.get();
21     return 0;
22 }
```

TE SHKRUHET KODI I CILI NUMRON NOTAT KALUESE DHE JO KALUESE

```
1 #include <iostream>
2 using namespace std;
3 int main()
4 {
5     int nota,k,r;
6     k=0;
7     r=0;
8     cout<<"Jepe noten e nxenesit, per fund shtyp -1\t";
9     cin>>nota;
10    while (nota!=-1)
11    {
12        if(nota>=6)
13            k=k+1;
14        else
15            if(nota==5)
16                r=r+1;
17        cout<<"\nJepe noten e nxenesit, per fund shtyp -1\t";
18        cin>>nota;
19    }
20    cout<<"\nPrej gjithsej "<<k+r<<" studenteve,\n kane kaluar "<<k<<" studente,\n ndersa nuk kane kaluar "<<r<<" studente";
21    cin.get();cin.get();
22    return 0;
23 }
```


COUNTER-CONTROLLED REPETITION WITH THE FOR STATEMENT



```
1 // Counter-controlled repetition with the for statement.
2 #include <iostream>
3 using namespace std;
4 int main()
5 {
6     // for statement header includes initialization,
7     // loop-continuation condition and increment.
8     for ( int counter = 1; counter <= 10; ++counter )
9         cout << counter << " " ;
10
11     cout << endl; // output a new line
12     cin.get();
13     cin.get();
14 } // end main
15
16
```

SUMMING INTEGERS WITH THE FOR STATEMENT



```
1 // Summing integers with the for statement.
2 #include <iostream>
3 using namespace std;
4 int main()
5 {
6     int total =0; // initialize total
7
8     // total even integers from 2 through
9     for (int number = 2; number <=20; number += 2)
10         total += number;
11
12     cout << "Sum is " << total << endl; // display results
13     cin.get(); cin.get();
14
15 } // end main
16
```



DO...WHILE REPETITION STATEMENT

```
1 #include <iostream>
2 using namespace std;
3
4 int main()
5 {
6     int counter = 1; // initialize counter
7     do
8     {
9         cout << counter <<" " ;// display counter ++counter;
10        ++counter;// increment counter
11    }
12    while (counter <= 10 ); // end do...while
13    cout << endl; // output anewline
14    cin.get();
15    cin.get();
16 } // end main
17
```

TE SHKRUHET KODI I CILI LEXON NOTEN DHE TREGON REZULTATIN ME FJALE



```
4 int main()
5 {
6     int nota;
7     cout << "Jepe noten:\t";
8     cin >>nota;
9     cout << "Keni rezultat te: ";
10    switch (nota)
11    {
12        case 1:
13            cout<<"dobet";
14                break;
15        case 2:
16            cout<<"mjaftueshem";
17                break;
18        case 3:
19            cout<<"mire";
20                break;
21        case 4:
22            cout<<"shume mire";
23                break;
24        case 5:
25            cout<<"shkelqyeshem";
26                break;
27        default:
28            cout<<"Keni dhene vlere te gabuar";
29                break;
30    }
31    cin.get();cin.get();
32    return 0;
33 }
```

BREAK STATEMENT EXITING A FOR STATEMENT



```
1 // break statement exiting a for statement.
2 #include <iostream>
3 using namespace std;
4
5 int main()
6 {
7     int count; // control variable also used after loop terminates
8     for (count = 1; count <= 10; ++count) // loop 10 times
9     {
10        if (count == 5)
11            break; // break loop only if count is 5
12        cout << count << " ";
13    } // end for
14    cout << "\nBroke out of loop at count=" << count << endl;
15    cin.get();
16    cin.get();
17 } // end main
18
```

CONTINUE STATEMENT TERMINATING AN ITERATION OF A FOR STATEMENT.



```
1 // continue statement terminating an iteration of a for statement.
2 #include <iostream>
3 using namespace std;
4
5 int main()
6 {
7
8     for (int count = 1; count <= 10; ++count) // loop 10 times
9     {
10         if (count == 5) // if count is 5
11             continue; // skip remaining code in loop
12         cout << count << " ";
13     } // end for
14     cout << "\nUsed continue to skip printing 5=" << endl;
15     cin.get();
16     cin.get();
17 } // end main
18
```

