

Ushtrim ne C++ (funksionet – nenprogramet)

Ushtrim:

```
#include <iostream>
using namespace std;
void text(); //deklarojme nenprogramin
int main()
{
    char a[10];
    cout<<"Kush jeni ju?" <<endl;
    cin>>a;
    text();
    cout<<a;

}

void text() //Nenprogrami text()
{
    cout<<"Pershendetje, ";
}
```

Ushtrim:

```
#include <iostream>
using namespace std;

void mbledhja(); //deklarojme nenprogramin

//Funksioni i cili ekzekutohet i pari
int main()
{
    cout<<"Ky eshte nje program per mbledhjen e dy numrave!" <<endl;
    mbledhja();
}

//Programojme nenprogramin
void mbledhja()
{
    int a, b, rez;
    cout<<"Jepni numrin A: " <<endl;
    cin>> a;
    cout<<"Jepni numrin B: " <<endl;
    cin>> b;
    rez=a+b;
    cout<<"\nRezultati eshte: " <<rez <<endl;
}
```

Ushtrim:

```
#include <iostream>
using namespace std;
void zbritja(); //deklarojme nenprogramin
int main()
{
    cout<<"Ky eshte nje program per zbritje!" <<endl;
    zbritja();
}

void zbritja() //Nenprogrami zbritja()
{
    int a, b, rez;
    cout<<"Jepni numrin e pare: " <<endl;
    cin>> a;
    cout<<"Jepni numrin e dyte: " <<endl;
    cin>> b;
    rez=a-b;
    cout<<"\nRezultati eshte: " <<rez <<endl;
}
```

Ushtrim:

```

#include <iostream>
using namespace std;

void pjestimi(); //deklarimi i nenprogramit
void shumezimi();
int main()
{
    char zgjedhja;
    cout<<"1) Shumezim" <<endl;
    cout<<"2) Pjestim" <<endl;
    cin>> zgjedhja;

    switch(zgjedhja)
    {
        case '1':
            shumezimi();
            break;
        case '2':
            pjestimi();
            break;

        default:
            cout<<"\nKeni zgjedhur gabimisht!" <<endl;
    }
}

//Programojme nenprogramin
void shumezimi()
{
    float d, e, r;
    cout<<"Jepni numrin A: " <<endl;
    cin>> d;
    cout<<"Jepni numrin B: " <<endl;
    cin>> e;
    r=d*e;
    cout<<"\nRezultati = " <<r <<endl;
}

```

```
//Programojme nenprogramin
void pjestimi()
{
    float a, b, rez;
    cout<<"Jepni numrin A: " <<endl;
    cin>> a;
    cout<<"Jepni numrin B: " <<endl;
    cin>> b;
    rez=a/b;
    cout<<"\nRezultati = " <<rez <<endl;
}
```

Ushtrim:

```

#include <iostream>
#include <cmath> //permban sqrt() - rrenjen katrore
using namespace std;
void rrenjakatrore(); //deklarojme nenprogramin
int main()
{
    cout<<"Programi per llogaritjen e rrenjes katrore!" <<endl;
    rrenjakatrore();
}

void rrenjakatrore() //Nenprogrami rrenjakatrore()
{
    double a;
    cout<<"\nJepni numrin: " <<endl;
    cin>> a;

    cout<<"\nRrenja katrore e numrit " <<a <<" eshte " <<sqrt(a) <<endl;
    cout<<"\nSepse " <<sqrt(a) <<" * " <<sqrt(a) <<" = " <<a <<endl;
}

```

Ushtrim:

```

#include <iostream>
using namespace std;
void denartoeuro(); //deklarojme nenprogramin
void eurotodenar(); //deklarojme nenprogramin
//Funksioni i cili egzekutohet i pari
int main()
//Fillimi i programit
{
    Fillimi:
    char zgjedhja;
    cout<<"Zgjidh njerën nga opsionet: " <<endl;
    cout<<"1) Denar ne Euro;" <<endl;
    cout<<"2) Euro ne Denar;" <<endl;
    cin>> zgjedhja;
//Degezimi
    switch(zgjedhja)
    {
        //Shtypim 1 per eurotodenar
        case '1':
            denartoeuro();
            break;
        //Shtypim 2 per denartoeuro
        case '2':
            eurotodenar();
            break;
        //Nese shtypim gabimisht
        default:
            cout<<"\nKenë zgjedhur opsion te gabuar!!!" <<endl;
    }
}

//Programimi i nenprogramit eurotodenar()
void denartoeuro()
{
    float a, convert;
    cout<<"\nJep vlerën ne denar: " <<endl;
    cin>> a;

    convert=a/60.98;
    cout<<"\nVlera ne euro eshte: " <<convert <<" euro!";
}

```

```
//Programimi i nenprogramit denartoeuro()
void eurotodonar()
{
    float b, convertt;
    cout<<"\nJep vleren ne euro: " <<endl;
    cin>> b;

    convertt=b*60.98;

    cout<<"\nVlera ne denare eshte: " <<convertt <<" denare!";
}
```


Ushtrim:

```

#include <iostream>
#include <cmath> //Sepse eshte rrenja katrore sqrt()
using namespace std;

void rrenja(); //deklarojme nenprogramin
void skatrorit(); //deklarojme nenprogramin
void strekend(); //deklarojme nenprogramin
int main()
{
    char z;
    cout<<"Zgjidh njerën nga opsionet e mëposhtme: " <<endl;
    cout<<"1) Rrenja katrore " <<endl;
    cout<<"2) Siperfaqja e katrorit " <<endl;
    cout<<"3) Siperfaqja e trekëndeshit kënddrejtë " <<endl;
    cin>> z;

    //Degezimi
    switch(z)
    {
        case '1':
            rrenja();
            break;
        case '2':
            skatrorit();
            break;
        case '3':
            strekend();
            break;
        default:
            cout<<"\nKenë shtypur gabimisht! " <<endl;
    }
}

void rrenja() //Nenprogrami rrenja()
{
    float a;
    cout<<"\nKy është program për rrenjen katrore!" <<endl;
    cout<<"\nJepni numrin: " <<endl;
    cin>> a;
    cout<<"Rrenja katrore është: " <<sqrt(a) <<endl;
}

```

```
void skatrorrit() //Nenprogrami skatrorrit()
{
    float b;
    cout<<"\nKy eshte program per siperfaqen e katrorit!" <<endl;
    cout<<"\nJepni numrin: " <<endl;
    cin>> b;
    cout<<"Siperfaqja eshte: " <<(b*b) <<endl;
}

void strekend() //Nenprogrami strekend()
{
    float a;
    cout<<"\nKy eshte program per siperfaqen e trekendeshit!" <<endl;
    cout<<"\nJepni numrin: " <<endl;
    cin>> a;
    cout<<"Siperfaqja eshte: " <<(a*a)/2 <<endl;
}
```

Ushtrim:

```

#include <iostream>
using namespace std;

void mbledhja(); //deklarojme nenprogramin
void zbritja(); //deklarojme nenprogramin
void shumezimi(); //deklarojme nenprogramin
void pjestimi(); //deklarojme nenprogramin

int main()
{
    char zgjedhja;

    cout<<"Zgjdh njeran nga opsionet e meposhtme: " <<endl;
    cout<<"1) Mbledhja" <<endl;
    cout<<"2) Zbritja" <<endl;
    cout<<"3) Shumezimi" <<endl;
    cout<<"4) Pjestimi" <<endl;
    cin>> zgjedhja;
    //Degezimi
    switch(zgjedhja)
    {
        case '1':
            mbledhja();
            break;
        case '2':
            zbritja();
            break;
        case '3':
            shumezimi();
            break;
        case '4':
            pjestimi();
            break;

        default:
            cout<<"Keni shtypur gabimisht!" <<endl;
    }
}

```

```

void mbledhja() //Nenprogrami mbledhja()
{
    int a, b, rez;
    cout<<"Jepni numrin e pare: " <<endl;
    cin>> a;
    cout<<"Jepni numrin e dyte: " <<endl;
    cin>> b;
    rez=a+b;
    cout<<endl;
    cout<<"Rezultati eshte: " <<rez;
}
void zbritja() //Nenprogrami zbritja()
{
    int a, b, rez;
    cout<<"Jepni numrin e pare: " <<endl;
    cin>> a;
    cout<<"Jepni numrin e dyte: " <<endl;
    cin>> b;
    rez=a-b;
    cout<<endl;
    cout<<"Rezultati eshte: " <<rez;
}
void shumezimi() //Nenprogrami shumezimi()
{
    int a, b, rez;
    cout<<"Jepni numrin e pare: " <<endl;
    cin>> a;
    cout<<"Jepni numrin e dyte: " <<endl;
    cin>> b;
    rez=a*b;
    cout<<endl;
    cout<<"Rezultati eshte: " <<rez;
}
void pjestimi() //Nenprogrami pjestimi()
{
    int a, b, rez;
    cout<<"Jepni numrin e pare: " <<endl;
    cin>> a;
    cout<<"Jepni numrin e dyte: " <<endl;
    cin>> b;
    rez=a/b;
    cout<<endl;
}

```

```

    cout<<"Rezultati eshte: " <<rez;
}

```

Ushtrim:

```

#include <iostream>
#include <cmath>
using namespace std;
void sinus(); //Nenprogrami
int main()
{
    cout << "Ky eshte program per SINUS" <<endl;
    sinus();
}

void sinus() //Nenprogrami
{
    int a;

    cout << "Jepni numrin ne shkalle: " <<endl;
    cin >> a;

    cout << "\nVlera eshte = " <<sin(a*3.14/180);
}

```

Ushtrim:

```
#include <iostream>
#include <cmath>
using namespace std;
void cosinus(); //Nenprogrami
int main()
{
    cout << "Ky eshte program per SINUS" <<endl;
    cosinus();
}

void cosinus() //Nenprogrami
{
    int a;

    cout << "Jepni numrin ne shkalle: " <<endl;
    cin >> a;

    cout << "\nVlera eshte = " <<cos(a*3.14/180);
}
```

Ushtrim:

```

#include <iostream>
#include <cmath>
#define PI 3.14
using namespace std;

void sinus(); //Deklarimi i nenprogramit sinus();
void cosinus(); //Deklarimi i nenprogramit cosinus();

int main()
{
    char z;

    cout<<"1) Per SINUS" <<endl;
    cout<<"2) Per COSINUS" <<endl;

    cin>> z;

    switch(z) //Degezimi
    {
        case '1':
            sinus();
            break;
        case '2':
            cosinus();
            break;

        default:
            cout<<"\nKeni bere zgjedhje te gabuar!" <<endl;
    }
}

void sinus() //Kodi i nenprogramit sinus()
{
    float a;

    cout<<"\nKeni zgjedhur programin per SINUS" <<endl;
    cout<<"Jepni numrin ne shhkalle: " <<endl;
    cin>> a;

    cout<<"Rezultati = " <<sin(a*PI/180) <<endl;
}

```

```
void cosinus() //Kodi i nenprogramit cosinus()
{
    float b;

    cout<<"\nKeni zgjedhur programin per COSINUS" <<endl;
    cout<<"Jepni numrin ne shhkalle: " <<endl;
    cin>> b;

    cout<<"Rezultati = " <<cos(b*PI/180) <<endl;
}
```