

# Programos kodas

## 5. pamoka

```
main.cpp x
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int sk = 10, du = 12, trys;
7
8      cout << sk << endl;
9  }
10
```

## 6. pamoka. Aritmetiniai veiksmai

```
in.cpp x
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int a = 25;
7      int b = 7;
8      int c;
9
10     cout << 25 / 7 << ", " << 25 % 7;
11 }
12
```

## 7. pamoka. Kintamųjų tipai (char, string, int (sveikiems), double (realiems)).

```
nain.cpp x
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      char simbolis;
7
8      simbolis = "a";
9      cout << simbolis;
10 }
11
```

```
nain.cpp x
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      string vardas;
7
8      vardas = "Robertas";
9
10     cout << vardas;
11 }
12
```

```
ain.cpp x
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      double sk;
7
8      sk = 12.31;
9
10     cout << sk;
11 }
12
```

```
main.cpp x
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int a = 10;
7      int b = 12;
8
9      if (a == b) {
10         cout << "Taip, tiesa.";
11     } else {
12         cout << "Ne, netiesa.";
13     }
14 }
15
```

```
main.cpp x
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      if (3 == 3) {
7         cout << "Taip 3 yra lygu 3";
8     } else {
9         cout << "Ne, netiesa.";
10     }
11 }
12
```

```
1.cpp x
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      string vardas = "Robertas";
7      string ivestasvardas;
8
9      cout << "Iveskite varda:" << endl;
10     cin >> ivestasvardas;
11
12     if (vardas == ivestasvardas) {
13         cout << "Sveiki, atvyke seiminkine!" << endl;
14     } else {
15         cout << "Jus nesate Robertas, viso." << endl;
16     }
17 }
18
```

## 9. pamoka. Sąlygos sakinio operatoriai

```
main.cpp x
4  int main()
5  {
6      int a = 10;
7      int b = 15;
8      int c = 20;
9      int d = 25;
10
11     if (a == b) {
12         cout << 1;
13     }
14     else if (a == c) {
15         cout << 2;
16     }
17     else if (a == d) {
18         cout << 3;
19     }
20     else {
21         cout << 4;
22     }

```

```
main.cpp X
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int a = 25;
7      int b = 15;
8      int c = 20;
9      int d = 25;
10
11     if (a == b && a == c) {
12         cout << "veikia";
13     } else {
14         cout << "neveikia";
15     }
16 }
17
```

```
main.cpp X
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int a = 10;
7      int b = 15;
8      int c = 11;
9      int d = 25;
10
11     if (a == b || a == c) {
12         cout << "veikia";
13     } else {
14         cout << "neveikia";
15     }
16 }
17
```

```
*main.cpp X
1  #include <iostream>
2  using namespace std;
3
4  int main()
5  {
6      int a = 10;
```

## Operatoriai

|| – ir

&& – arba

## 10.pamoka. Funkcija (vidiniai ir išoriniai)

```
ain.cpp x
1 #include <iostream>
2 using namespace std;
3
4 void pavadinimas() {
5     cout << "Sveiki, as esu funkcija!" << endl;
6 }
7
8 int main()
9 {
10
11 }
12
```

```
nain.cpp x
1 #include <iostream>
2 using namespace std;
3
4 void sudeti(int a,b) {
5     int c = a + b;
6
7     cout << "Atsakymas: " << c << endl;
8 }
9
10 int main()
11 {
12     pavadinimas(10,15);
13 }
14
```

```
main.cpp x
1 #include <iostream>
2 using namespace std;
3
4 void pavadinimas() {
5     cout << "Sveiki, as esu funkcija!" << endl;
6 }
7
8 int main()
9 {
10     pavadinimas();
11 }
12
```

```
main.cpp x
1 #include <iostream>
2 using namespace std;
3
4 void sudeti(int a, int b) {
5     int c = a + b;
6
7     cout << "Atsakymas: " << c << endl;
8 }
9
10 int main()
11 {
12     sudeti(10, 15);
13 }
14
```

```
*main.cpp X
1 #include <iostream>
2 using namespace std;
3
4 int pavadinimas() {
5     return 10;
6 }
7
8 int main()
9 {
10     int sk = 4;
11     int c;
12
13     c = sk + pavadinimas();
14
15     cout << c << endl;
16 }
17
```

```
*main.cpp X
1 #include <iostream>
2 using namespace std;
3
4 int pavadinimas(int a, int b) {
5     int c = a + b;
6
7     return c;
8 }
9
10 int main()
11 {
12     int sk = 4;
13     int c;
14
15     c = sk + pavadinimas(2, 3);
16
17     cout << c << endl;
18 }
19
```

## 11. pamoka. Funkcijos deklaravimas.

```
main.cpp X
1  #include <iostream>
2  using namespace std;
3
4  void pirma();
5
6  int main()
7  {
8      pirma();
9  }
10
11 void pirma() {
12     cout << "Ås esu funkcija" << endl;
13 }
14
```

```
*main.cpp X
1  #include <iostream>
2  using namespace std;
3
4  void pirma(int a);
5
6  int main()
7  {
8      pirma(12);
9  }
10
11 void pirma(int a) {
12     cout << "Ås esu funkcija" << endl;
13 }
14
```



12. Aritmetiniai operatoriai (18)

```
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int x = 10;
6
7      x /= 5;
8
9      cout << x << endl;
10 }
11
```

```
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int x = 10;
6
7      x += 5;
8
9      cout << x << endl;
10 }
11
```

```
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int x = 10;
6
7      x *= 5;
8
9      cout << x << endl;
10 }
11
```

```
1  #include <iostream>
2  using namespace std;
3
4  int main() {
5      int x = 10;
6
7      x -= 5;
8
9      cout << x << endl;
10 }
11
```

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int x = 10;
6
7     cout << ++x << endl;
8 }
9
```

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int x = 10;
6
7     x *= 5;
8
9     cout << x << endl;
10 }
11
```

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int x = 10;
6
7     cout << x-- << endl;
8     cout << x << endl;
9 }
10
```

```
1 #include <iostream>
2 using namespace std;
3
4 int main() {
5     int x = 10;
6
7     cout << --x << endl;
8 }
9
```

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```

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```

13. pamoka. Globalus ir lokalus kintamieji.

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

int masina = 100;

void fcija();

int main() {
    cout << masina << endl;
    fcija();
}

void fcija() {
    cout << masina << endl;
}
```

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

```
int masina = 100;
```

```
int main() {
    masina = 20;

    cout << masina << endl;
}
```

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

```
int masina = 100;
```

```
int main() {
    string masina = "BMW";

    cout << masina << endl;
}
```

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

int masina = 100;

int main() {
    string masina = "BMW";

    cout << ::masina << endl;
}
```