

```
//Tablica množenja
```

```
#include <iostream>
#include <stdio.h>
#include <stdlib.h>
#include <math.h>
using namespace std;
int main()
{
    int i, a = 10, j;
    printf(" ");
    for (i = 1; i <= a; i++)
    {
        printf("%4d", i);
    }
    for (i = 1; i <= a; i++)
    {
        printf("\n");
        printf("%4d", i);
        for (j = 1; j <= a; j++)
        {
            printf("%4d", i * j);
        }
    }
}
```

```
//Teo Faić, 1.RM
```

Microsoft Visual Studio Debug Console

```
1  2  3  4  5  6  7  8  9 10
1  1  2  3  4  5  6  7  8  9 10
2  2  4  6  8 10 12 14 16 18 20
3  3  6  9 12 15 18 21 24 27 30
4  4  8 12 16 20 24 28 32 36 40
5  5 10 15 20 25 30 35 40 45 50
6  6 12 18 24 30 36 42 48 54 60
7  7 14 21 28 35 42 49 56 63 70
8  8 16 24 32 40 48 56 64 72 80
9  9 18 27 36 45 54 63 72 81 90
10 10 20 30 40 50 60 70 80 90 100
C:\Users\Svjetlosni\source\repos\ConsoleApplica
0 (0x0).
Press any key to close this window . . .
```

```
//Sahovnica
```

```
#include <iostream>
#include <stdio.h>
#include <stdlib.h>
#include <math.h>
using namespace std;
int main()
{
    int br;
    cin >> br;
    for (int i = 1; i <= br; i++)
    {
        printf("%c%c", char(178), char(178));
        printf(" ");
    }
    for (int i = 1; i <= br; i++)
    {
        printf("\n");
        if (i % 2 == 0)
        {
            for (int i = 1; i <= br; i++)
            {
                printf("%c%c", char(178), char(178));
                printf(" ");
            }
        }
        else
        {
            for (int i = 1; i <= br; i++)
            {
                printf(" ");
                printf("%c%c", char(178), char(178));
            }
        }
    }
}
```

```
//Teo Faić, 1.RM
```

Microsoft Visual Studio Debug Console

```
6
C:\Users\Svjetlosni\source\repos\ConsoleApplica
0 (0x0).
Press any key to close th
```

//Dijamant

```
#include <iostream>
#include <stdio.h>
#include <stdlib.h>
#include <math.h>
using namespace std;
int main()
{
    int visina;
    char vanjski = 'x';
    char unutarnji = 'o';

    cout << "Unesi neparnu visinu dijamanta: ";
    cin >> visina;

    if (visina % 2 == 0) {
        cout << "Krivi unos" << endl;
    }

    int sredina = (visina + 1) / 2;

    for (int i = 1; i <= sredina; ++i) {
        for (int j = 1; j <= sredina - i; ++j) cout << " ";

        for (int j = 1; j <= 2 * i - 1; ++j) {
            if (j == 1 || j == 2 * i - 1) cout << vanjski;
            else cout << unutarnji;
        }

        cout << endl;
    }

    for (int i = sredina - 1; i >= 1; --i) {
        for (int j = 1; j <= sredina - i; ++j) cout << " ";

        for (int j = 1; j <= 2 * i - 1; ++j) {
            if (j == 1 || j == 2 * i - 1) cout << vanjski;
            else cout << unutarnji;
        }

        cout << endl;
    }

    return 0;
}

//Teo Faić, 1.RM
```

Microsoft Visual Studio Debug Console

Unesi neparnu visinu dijamanta: 7

```
  x
 xox
xxxxx
xxxxxxx
 xox
  x
```

C:\Users\Svjetlosni\source\repos\Cor
0 (0x0).

Press any key to close this window .

```
//Pitagorine trojke
```

```
#include <iostream>
```

```
#include <stdio.h>
```

```
#include <stdlib.h>
```

```
#include <math.h>
```

```
using namespace std;
```

```
int main()
```

```
{
```

```
    int a, b, c;
```

```
    for (a = 1; a <= 12; a++) {
```

```
        for (b = 1; b <= 12; b++) {
```

```
            for (c = 1; c <= 12; c++) {
```

```
                if (c * c == a * a + b * b) {
```

```
                    printf("a = %2d b = %2d c = %2d\n", a, b, c);
```

```
                }
```

```
            }
```

```
        }
```

```
    }
```

```
}
```

```
//Teo Faić, 1.RM
```

Microsoft Visual Studio Debug

a = 3 b = 4 c = 5

a = 4 b = 3 c = 5

a = 6 b = 8 c = 10

a = 8 b = 6 c = 10

C:\Users\Svjetlosni\source\repos\...
e 0 (0x0).

Press any key to close the window.