**Вывести на экран фигуры заполненные звездочками с диалогом**

#include<iostream>

#include<Windows.h>

#include <iomanip>

#include <string>

#include <conio.h>

using namespace std;

int main()

{

system("chcp 1251");

cout << R"(

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6 7 8 9 )" << endl;

while (1)

{

int a = 0, b = 0, c = 0, d = 0, e = 0, f = 11;

int numFig;

cout << "Выберите фигуру, от 1 до 9, или 0 для выхода: ";

cin >> numFig;

switch (numFig)

{

case 0: return 0;

break;

case 1:

for (int i = 10; i >= 0; i--)

{

for (int l = 0; l <= b \* 2; l++)

{

cout << " ";

}

for (int j = 0; j <= i; j++)

{

cout << "\* ";

}

cout << endl;

b++;

}

break;

case 2:

for (int i = 1; i <= 10; i++)

{

for (int j = 1; j < i; j++)

{

cout << "\* ";

}

cout << endl;

}

break;

case 3:

for (int i = 10; i >= 0; i--)

{

for (int k = 0; k <= b; k++)

{

cout << " ";

}

for (int j = 0; j <= i; j++)

{

cout << "\* ";

}

cout << endl;

b++;

}

break;

case 4:

for (int i = 10; i >= 0; i--)

{

for (int j = 0; j <= i; j++)

{

cout << " ";

}

for (int k = 0; k <= a; k++)

{

cout << "\* ";

}

cout << endl;

a++;

}

break;

case 5:

for (int i = 10; i >= 0; i--)

{

for (int k = 0; k <= b; k++)

{

cout << " ";

}

for (int j = 0; j <= i; j++)

{

cout << "\* ";

}

cout << endl;

b++;

}

for (int i = 10; i >= 0; i--)

{

for (int j = 0; j <= i; j++)

{

cout << " ";

}

for (int k = 0; k <= e; k++)

{

cout << "\* ";

}

cout << endl;

e++;

}

break;

case 6:

for (int i = 1; i <= 10; i++)

{

for (int j = 1; j <= i; j++)

{

cout << "\* ";

}

cout << endl;

}

for (int i = 10; i >= 1; i--)

{

for (int j = 1; j <= i; j++)

{

cout << "\* ";

}

cout << endl;

}

break;

case 7:

for (int i = 1; i <= 11; i++)

{

for (int k = 0; k <= f \* 2; k++)

{

cout << " ";

}

for (int j = 1; j < i; j++)

{

cout << "\* ";

}

cout << endl;

f--;

}

for (int i = 10; i >= 0; i--)

{

for (int l = 0; l <= b \* 2; l++)

{

cout << " ";

}

for (int j = 0; j <= i; j++)

{

cout << "\* ";

}

cout << endl;

b++;

}

break;

case 8:

for (int i = 10; i >= 1; i--)

{

for (int j = 1; j <= i; j++)

{

cout << "\* ";

}

cout << endl;

}

break;

case 9:

for (int i = 1; i <= 10; i++)

{

for (int k = 0; k <= f \* 2; k++)

{

cout << " ";

}

for (int j = 1; j < i; j++)

{

cout << "\* ";

}

cout << endl;

f--;

}

break;

default:

if (numFig < 1 || numFig > 9)

{

cout << "Ошибка не верный выбор" << endl;

}

break;

}

}

return 0;

}