1. endlendl

grendel

2. The program prints out an ascending staircase using # signs with the number that was inputted be the number of # symbols on the last line and there being one # symbol on the first line.

3.

#include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

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

{

int j = 0;

while (j < i - 1)

{

cout << " ";

j++;

}

while (j < side)

{

cout << "#";

j++;

}

cout << endl;

}

}

4.

#include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

int i = side;

do

{

int j = 0;

while (j < i - 1)

{

cout << " ";

j++;

}

while (j < side)

{

cout << "#";

j++;

}

if(i >= 0)

cout << endl;

i--;

} while (i > 0);

}

5.

switch (week)

{

case 0:

cout << "first lecture";

break;

case 4:

case 8:

cout << "midterm";

break;

case 10:

cout << "final";

break;

default:

cout << "nothing";

}