1. endlendl

grendel

1. The program prints a staircase increasing from the left using hashtags with a height and width of side.
2. #include <iostream>

using namespace std;

int main(){

int side;

cout << "Enter a number: ";

cin >> side;

int step = side;

while (step > 0){

int j = 0;

while (j < step - 1){

cout << " ";

j++;

}

while (j < side){

cout << "#";

j++;

}

cout << endl;

step--;

}

}

1. #include <iostream>

using namespace std;

int main(){

int side;

cout << "Enter a number: ";

cin >> side;

int step = side;

if (step > 0){

do{

int j = 0;

if (step != 1){

do{

cout << " ";

j++;

} while (j < step - 1);

}

do{

cout << "#";

j++;

} while (j < side);

cout << endl;

step--;

} while (step > 0);

}

}

1. switch( week ){

case 0:

cout << “first lecture”;

break;

case 4:

case 8:

cout << “midterm”;

break;

case 10:

cout << “final”;

break;

default:

cout << “nothing”;

}