Homework 2

1. endlendl

grendel

1. The # will form a diagonal starting from the top right all the way to the bottom left with the number of #s being equal to the number the user inputted. The first row will have user input – 1 spaces then a # and the last row will have just a #. The rows in between the first and last row will form a diagonal line in this manner.

For example, if the user inputed five the first row will have 4 spaces then #, second row will have 3 spaces then #, third row will have 2 spaces then #, fourth row will have 1 space then #, fifth row will just have #.



#include <iostream>

using namespace std;

int main()

{

int len;

cout << "Enter a number: ";

cin >> len;

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

{

int j = i + 1;

while (j < len) {

cout << " ";

j++;

}

cout << "#" << endl;

}

}

switch (month)

{

case 6:

cout << "summer solstice";

break;

case 12:

cout << "winter solstice";

break;

case 3:

case 9:

cout << "equinox";

break;

default:

cout << "nothing special";

}

}