1. endlendl  
   grendel
2. It prints a diagonal sequence of pound symbols; more specifically, it prints len - j spaces (where len and j are both integers) followed by a pound sign and a newline, adds 1 to the value of j, and it does this len number of times.

#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 = j + 1;

}

cout << "#" << endl;

}

}

switch (month) {

case 6:

cout << "summer solstice";

case 12:

cout << "winter solstice";

case 3:

case 9:

cout << "equinox";

default:

cout << "nothing special";

}