1.

endlendl

grendel

2.

It prints a diagonal line of hashtags (#) of a number given by the user.

3.

#include <iostream>

using namespace std;

int main ()

{

int len;

cout << "Enter a number: ";

cin >> len;

int j;

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

{

j = i + 1;

while (j < len)

{

cout << " ";

j = j + 1;

}

cout << "#" << endl;

}

}

4.

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”;

}