**1.**

endlendl  
grendel

**2.**

It outputs pound symbols (#) on each line from one, increasing by one per line, up to the amount input into variable side.

**3.**

#include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

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

{

int j = 0;

while(j <= i)

{

cout << "#";

j++;

}

cout << "\n";

}

}

**4.**

#include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

if(side <= 0)

return 1;

int i = 0;

do

{

int j = 0;

while(j <= i)

{

cout << "#";

j++;

}

cout << "\n";

i++;

}

while(i < side);

}

**5.**

switch(year){

case 2008:

cout << "Obama";

break;

case 2000:

case 1988:

cout << "Bush";

break;

case 2012:

cout << "Who knows?";

break;

case 1992:

cout << "Clinton";

break;

default:

cout << "Someone";

}