1. The output for the given code is:

endlendl

grendel

1. It produces a right triangle using multiple “#” symbols with the number of lines specified by the user’s input.
2. Rewritten code block with a while loop instead of the inner for loop.

#include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

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

{

int n = 0;

while ( n <= i)

{

cout << "#";

n++;

}

cout << "\n";

}

}

1. Rewritten code block from question 3 with a do-while loop instead of a for loop.

#include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

int i = 0;

do

{

if (side <=0)

return (0);

int n = 0;

while ( n <= i)

{

cout << "#";

n++;

}

i++;

cout << "\n";

}

while (i < side);

}

5. Rewritten code from question 5 as a switch statement

switch(codeSection)

{

case 281:

cout << "bigamy";

break;

case 321:

case 322:

cout << "selling illegal lottery tickets";

break;

case 383:

cout << "selling rancid butter";

break;

case 598:

cout << "injuring a bird in a public cemetery";

break;

default:

cout << "some other crime";

break;

}

}