CS 31 Homework 2

1) The output is as follows:

endlendl

grendel

2) The program prints a left-aligned triangle made out of # with **n** number of lines, as indicated by the user, and each **n**th line has **n** number of #.

3) The program is as follows:

#include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

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

{

int j = i;

while (j >= 0)

{

cout << "#";

j--;

}

cout << "\n";

}

}

4) The program is as follows:

#include <iostream>

using namespace std;

int main()

{

int side;

cout << "Enter a number: ";

cin >> side;

if (side <= 0)

return 0;

else

{

int i = 0;

do

{

int j = i;

while (j >= 0)

{

cout << "#";

j--;

}

cout << "\n";

i++;

} while (i < side);

}

}

5) The switch statement is as follows:

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 << "wounding a bird in a public cemetery";

break;

default:

cout << "some other crime";

}