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HW 2

string grendel = "endl";

cout << "endl";

cout << grendel;

cout << endl;

cout << "grendel";

Sets grendel to “endl”. Second line will simply write “endl” because that’s what it says in parenthesis. Then will write “endl” again because grendel = “endl”. Then the line will end because “cout << endl” just gives command to end line. Then will write “grendel” not “endl” because “grendel” is in parenthesis.

endlendl

grendel

1. This program prints a right triangle of hashtags with the height of right triangle equal to the input, and because it is a right triangle the width is also equal to the input.

#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”;

}

}

Problem 4 on next page.

#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 j = i;

while (j >= 0)

{

cout << “#”;

j--;

}

cout << “\n”;

i++;

}

while (i < side);

}

1. Switch statement:

//int codeSection has been declared and given a number of a section

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";

    }