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Homework – Chapter 2

1. The code segment would output “*endlendl*” on the first line, go to the second line, and output “*grendel*.”

*endlendl  
grendel*

1. This program collects an integer input from the user, and outputs a number of rows of # signs equal to the integer, each row having incrementally more #’s.

#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)

{

cout << "Please enter a positive number.\n";

}

else

{

int i = 0;

while (i < side)

{

int j = 0;

while (j <= i)

{

cout << '#';

j++;

}

cout << '\n';

i++;

}

}

}

5.

#include <iostream>

using namespace std;

int main()

{

int year;

cout << "This program will tell you the governor elect California in the year you input.\n";

cout << "What year will you choose? ";

cin >> year;

switch (year)

{

case 2003:

cout << "Schwarzenegger\n";

break;

case 1998:

cout << "Davis\n";

break;

case 2010:

cout << "Who knows?\n";

break;

case 1990:

cout << "Wilson\n";

break;

case 1994:

cout << "Wilson\n";

break;

default:

cout << "Someone\n";

}

}