Homework 2

1. The first line of the program segment initializes the variable grendel as “endl.” The second line outputs the string “endl” without prompting a new line. The third line outputs the variable grendel, which serves the same purpose as the second line in printing “endl” without printing a new line. The fourth line does print a new line, however, as the “endl” is written without quotation marks. The fifth line outputs the string “grendel.” So, the output of the program segment is:  
     
   endlendl  
   grendel
2. The program prints a right triangle of “#” symbols.
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 = i;

**while** (j >= 0) {

cout << "#";

j--;

}

cout << "\n";

}

}

1. **int** codeSection = 281;

**switch**(codeSection) {

**case** 281:

cout << "bigamy";

**break**;

**case** 321:

cout << "selling illegal lottery tickets";

**break**;

**case** 322:

cout << "selling illegal lottery tickets";

**break**;

**case** 383:

cout << "selling rancid butter";

**break**;

**case** 598:

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

**break**;

**default**:

cout << "some other crime";

}