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CS 31

Professor Howard Stahl

Homework 2

1. endlendl

endline

2.This prints a diagonal of pound signs that starts from the nth position inputted by the user and recedes or goes back to the first position.

Enter a number: 4 ←-- input

#

#

#

#

3.While loop for inner loop:

#include <iostream>

#include <string>

using namespace std;

int main()

{

int len;

cout << "Enter a number: ";

cin >> len;

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

{

int j = i + 1;

while (j < len) {

cout << " ";

++j;

}

cout << "#" << endl;

}

return(0);

}

4.Changed program using the do-while loop for outside and a while for the inside:

#include <iostream>

int main()

{

int len;

cout << "Enter a number: ";

cin >> len;

int i = 0;

if (i < len) {

do {

int j = i + 1;

while (j < len) {

cout << " ";

++j;

}

cout << "#" << endl;

++i;

} while (i < len);

}

return(0);

}

5.Switch code:

{

switch (weekday) {

case (1):

cout << "rainy days and mondays get me down";

break;

case (2):

cout << "ruby tuesday";

break;

case (6):

case (7):

cout << "wonderful weekend";

break;

default:

cout << "regular day";

break;

}