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Project 2 Homework Solutions

1) Assuming that the program segment is placed inside a main() function that ends with a return(int) call, its output will appear as follows:

endlendl

endline

2) The program prompts the user to input a number that it converts into an integer, and it prints out that number of # characters, each one on its own line and to the left of the one above it. For example, if the user were to input the integer 4, it would output:

#

#

#

#

3)

#include <iostream>

using namespace std;

int main()

{

int len;

int n;

cout << "Enter a number: ";

cin >> len;

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

{

n = i+1;

while (n<len)

{

cout << " ";

n++;

}

cout << "#" << endl;

}

}

4)

#include <iostream>

using namespace std;

int main()

{

int len;

int n;

int i = 0;

cout << "Enter a number: ";

cin >> len;

if (len > 0)

{

do

{

n = i+1;

while (n<len)

{

cout << " ";

n++;

}

cout << "#" << endl;

i++;

}

while (i < len);

}

}

5)

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;

}