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**Problem 1:**

This code will output:

endlendl

endline

**Problem 2:**

It asks the user for a number, stores than number, then prints out one less than the given number spaces followed by an octothorpe (#), it then repeats this, on a new line each time, with one less space each time until the number of spaces it prints out is 0, each set of spaces followed by a #. Makes a sort of descending sequence of spaces and then a #.

**Problem 3:**

#include <iostream>

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;

}

}**Problem 4:**

#include <iostream>

using namespace std;

int main()

{

int len;

cout << "Enter a number: ";

cin >> len;

int i = 0;

do

{

if (len>0)

{

int j = i + 1;

while (j < len)

{

cout << " ";

j++;

}

cout << "#" << endl;

i++;

}

else

{

return (-1);

}

}

while ((i) < len);

}

**Problem 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";

default:

cout << "regular day";

}