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1. Output:

endlendl

endline

1. The program outputs ‘#’ characters in a diagonal from top right to bottom left in which the size of the diagonal depends on the integer inputted.
2. Code:

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+=1;

}

cout << "#" << endl;

}

}

1. Code:

int main() {

int len;

   cout << "Enter a number: ";

   cin >> len;

int i = 0;

if (len > 0)

{

do

{

int j = i+1;

     while (j < len)

     {

     cout << " ";

     j+=1;

     }

     cout << "#" << endl;

i+=1;

   } while (i < len);

}

}

1. 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";

}