Homework 2

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1. Output:

endlendl

endline

1. It prints a right-tilted diagonal consisted of “#”, and the number of “#” equals the value input for int len. All the rest part is blank.

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;

}

}

4.

#include <iostream>

using namespace std;

int main()

{

int len;

int i=0;

cout << "Enter a number: ";

cin >> len;

if (len < 0)

{

return 1;

}

do {

for (int j = i+1; j < len; j++)

{

cout << " ";

}

cout << "#" << endl;

i++;

} while (i < len);

}

5.

#include <iostream>

using namespace std;

int main()

{

int weekday;

cout << "weekday =" << endl;

cin >> weekday;

switch (weekday)

{

case 1:

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

break;

case 2:

cout << "ruby tuesday";

break;

case 6:

cout << "wonderful weekend";

break;

case 7:

cout << "wonderful weekend";

break;

default:

cout << "regular day";

break;

}

}