HW2:

1. The output produced is:

endlendl

grendel

2) This program prints out a certain number (len) of hashtags which is chosen by the user in a downward sloping pattern.

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;

cout << "Enter a number: ";

cin >> len;

int i = 0;

if(len > 0){

do

{

int j = i+1;

while(j < len)

{

cout << " ";

j++;

}

cout << "#" << endl;

i++;

} while(i<len);

return 0;

}

}

5)

switch (x)

{

case 6: cout << ("equinox");

break;

case 12: cout << ("winter solstice");

break;

case 3: cout << ("equinox") <<;

break;

case 9: cout << ("equinox") <<;

break;

default: cout << ("nothing special");

break;

}

return 0;

}