Nikeem Dunkelly-Allen, Thursday, Lab1

#include "library.h"

void seconds(const int m, const int h, const int d) {

print("Seconds in a minute: ");

print(m \* m);

new\_line();

print("Seconds in a day: ");

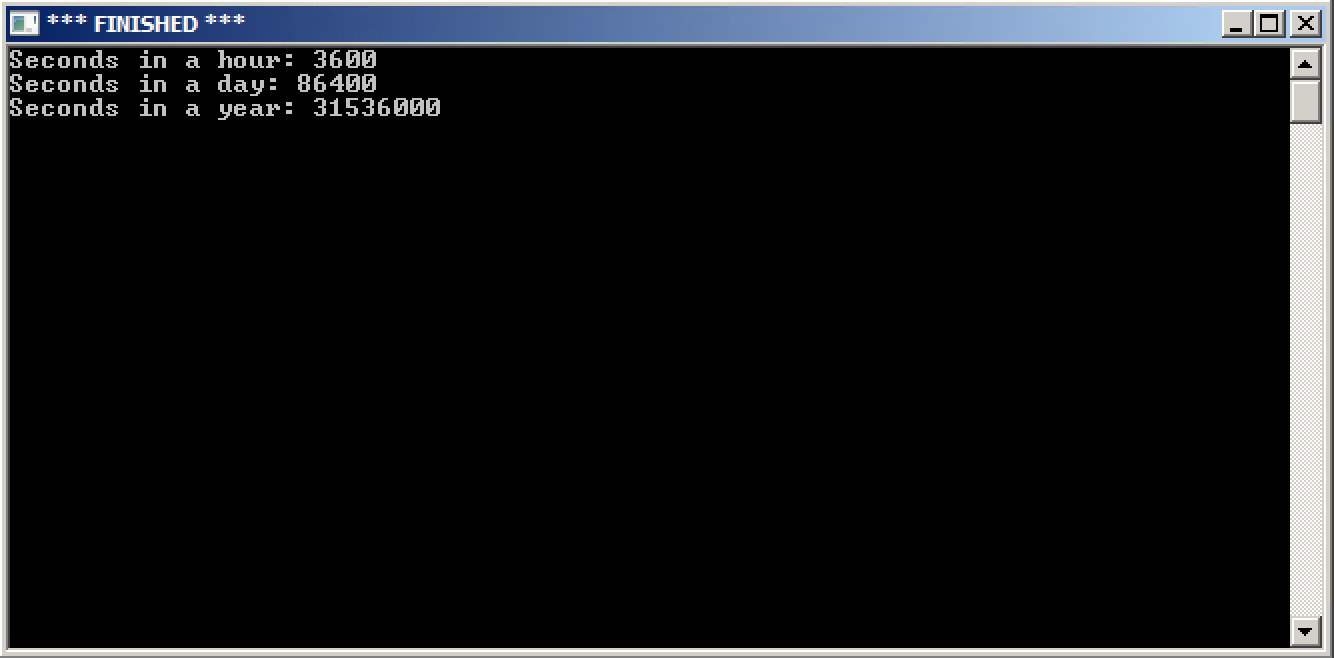
print(m \* m \* h);

new\_line();

print("Seconds in a year: ");

print(m\*m\*h\*d);

}  
Part A:



void draw\_stars(){

move\_to(200, 200);

draw\_to(350, 200);

draw\_to(275, 300);

draw\_to(200, 200);

move\_to(275, 175);

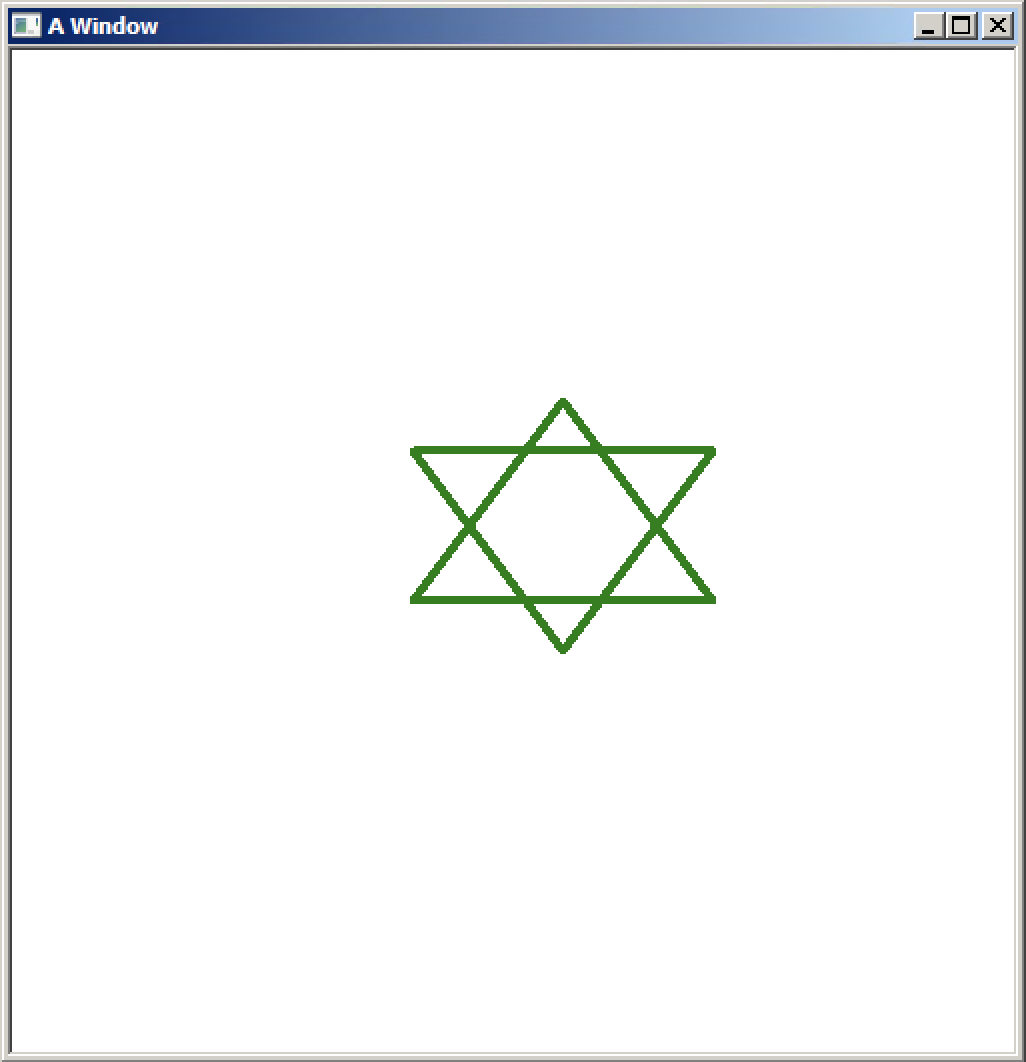
draw\_to(200, 275);

draw\_to(350, 275);

draw\_to(275, 175);

}

Part B:



void draw\_circle(const int x, const int y, const int n){

if (n > 0){

draw\_distance(x);

turn\_right\_by\_degrees(y);

draw\_circle(x, y, n - 1);

}

}

void draw\_stickman(){

move\_to(255, 245);

draw\_to(255, 400);

turn\_left\_by\_degrees(135);

draw\_distance(75);

move\_to(255, 400);

set\_heading\_degrees(0);

turn\_right\_by\_degrees(135);

draw\_distance(75);

move\_to(255, 323);

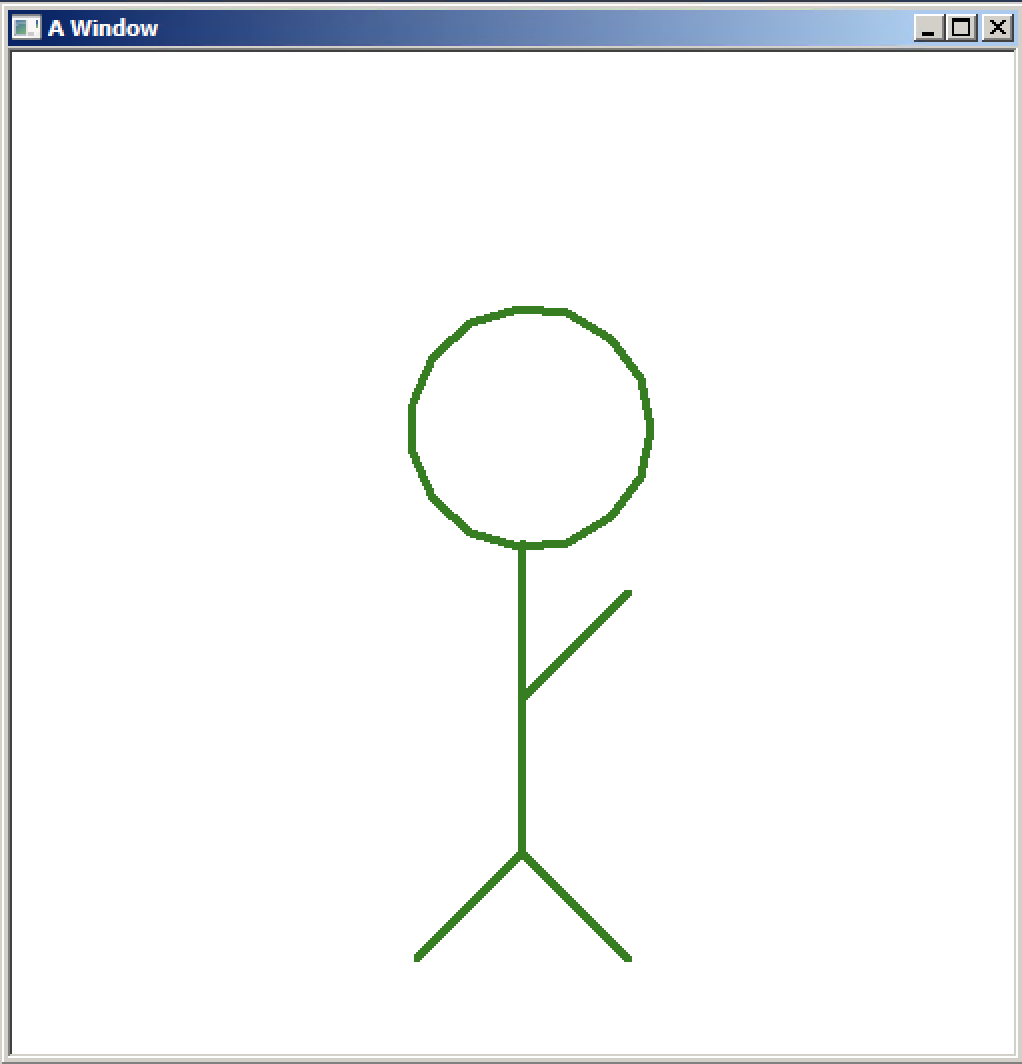
set\_heading\_degrees(0);

turn\_right\_by\_degrees(45);

draw\_distance(75);

}

Part C:



void main(){

seconds(60,24,365); - SECTION1/PART A

make\_window(500, 500);

set\_pen\_width\_color(4, color::dark\_green);

move\_to(200, 200);

draw\_stars(); -SECTION 2/ PART C

draw\_circle(25,24,15); - SECTION 3/ PART B

draw\_stickman(); -SECTION 3/ PART B

}

WHEN RUNNING EACH PART PUT FUNCTIONS NOT RELATED TO THE SECTION IN COMMENTS