#include <stdio.h>

#include <stdlib.h>

#include <time.h>

int main()

{

float x1, y1, x2, y2, dis;

printf("Input x1: ");

scanf("%f" , &x1);

printf("Input x2: ");

scanf("%f" , &x2);

printf("Input y1: ");

scanf("%f" , &y1);

printf("Input y2: ");

scanf("%f" , &y2);

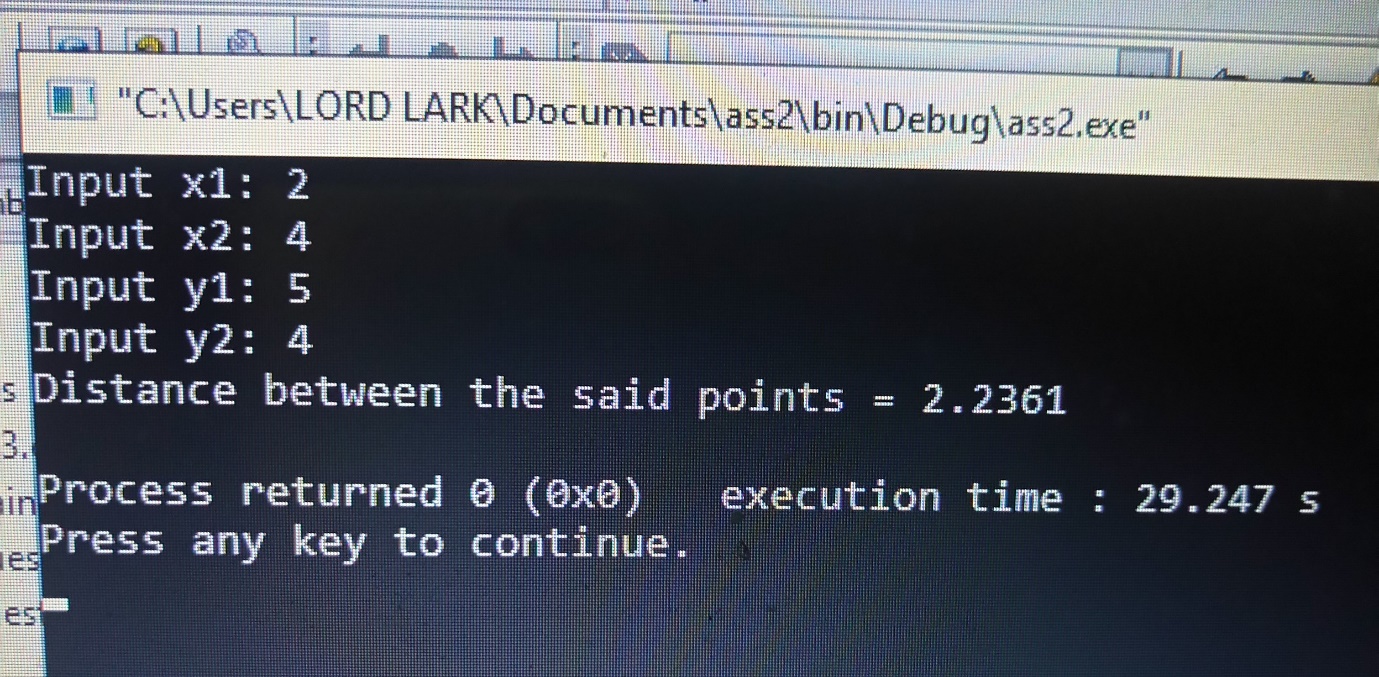
dis = ((x2 - x1) \* (x2 - x1)) + ((y2 - y1) \* (y2 - y1));

printf("Distance between the said points = %.4f", sqrt(dis));

printf("\n");

return 0;

}



#include <stdio.h>

#include <stdlib.h>

#include <time.h>

int bj()

{

float x, y, z, P, A;

printf("Input x: ");

scanf("%f" , &x);

printf("Input y: ");

scanf("%f" , &y);

printf("Input z: ");

scanf("%f" , &z);

if(x < (y+z) && y < (x+z) && z < (y+x))

{

P = x+y+z;

printf("\nPerimeter = %.1f\n", P);

}

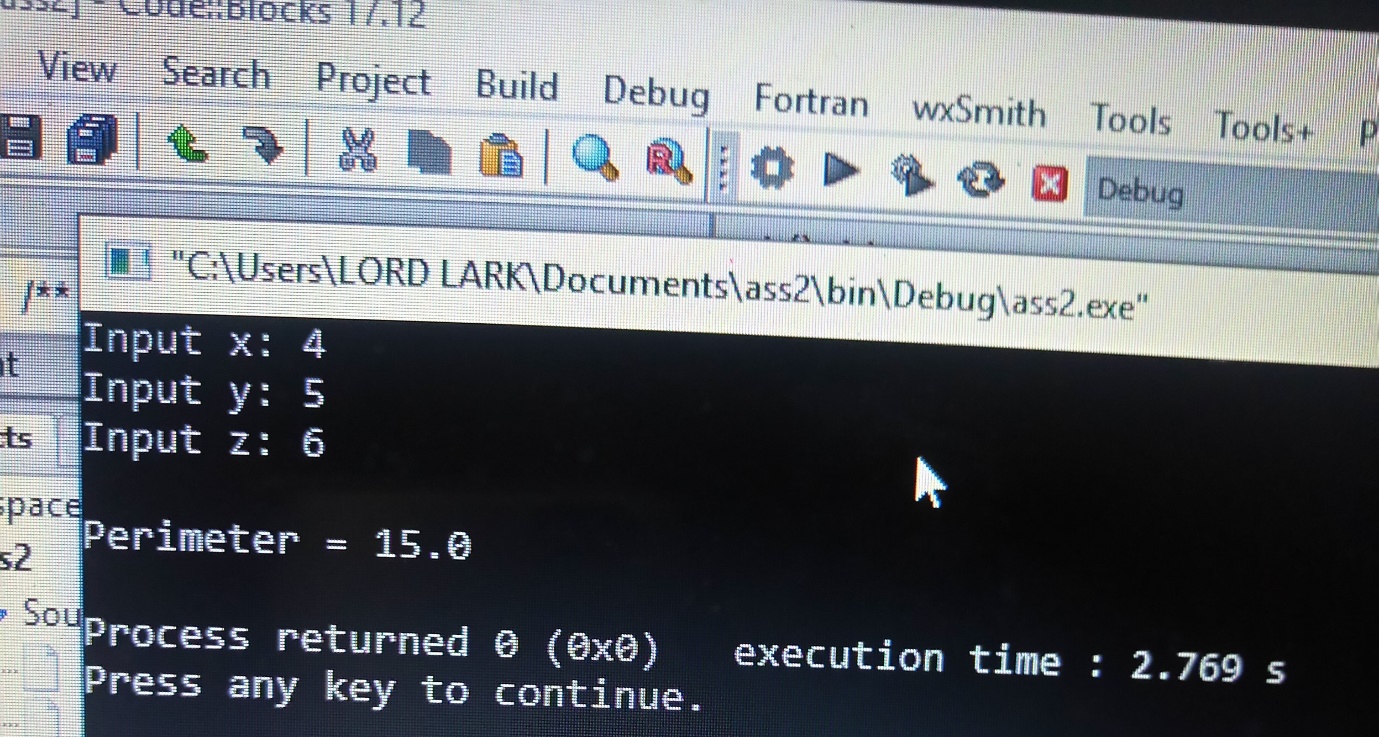
else

{

printf("Not possible to create a triangle");

}

}



#include <stdio.h>

#include <stdlib.h>

#include <time.h>

int nj()

{

int age;

int cnt\_baby = 0, cnt\_school = 0, cnt\_adult = 0;

int count = 0;

while (count<20)

{

printf("Enter age of person [%d]: ", count+1);

scanf("%d", &age);

if(age>= 0 && age<=5)

cnt\_baby++;

else if(age>=6 && age<=17)

cnt\_school++;

else if(age>17)

cnt\_adult++;

count++;

}

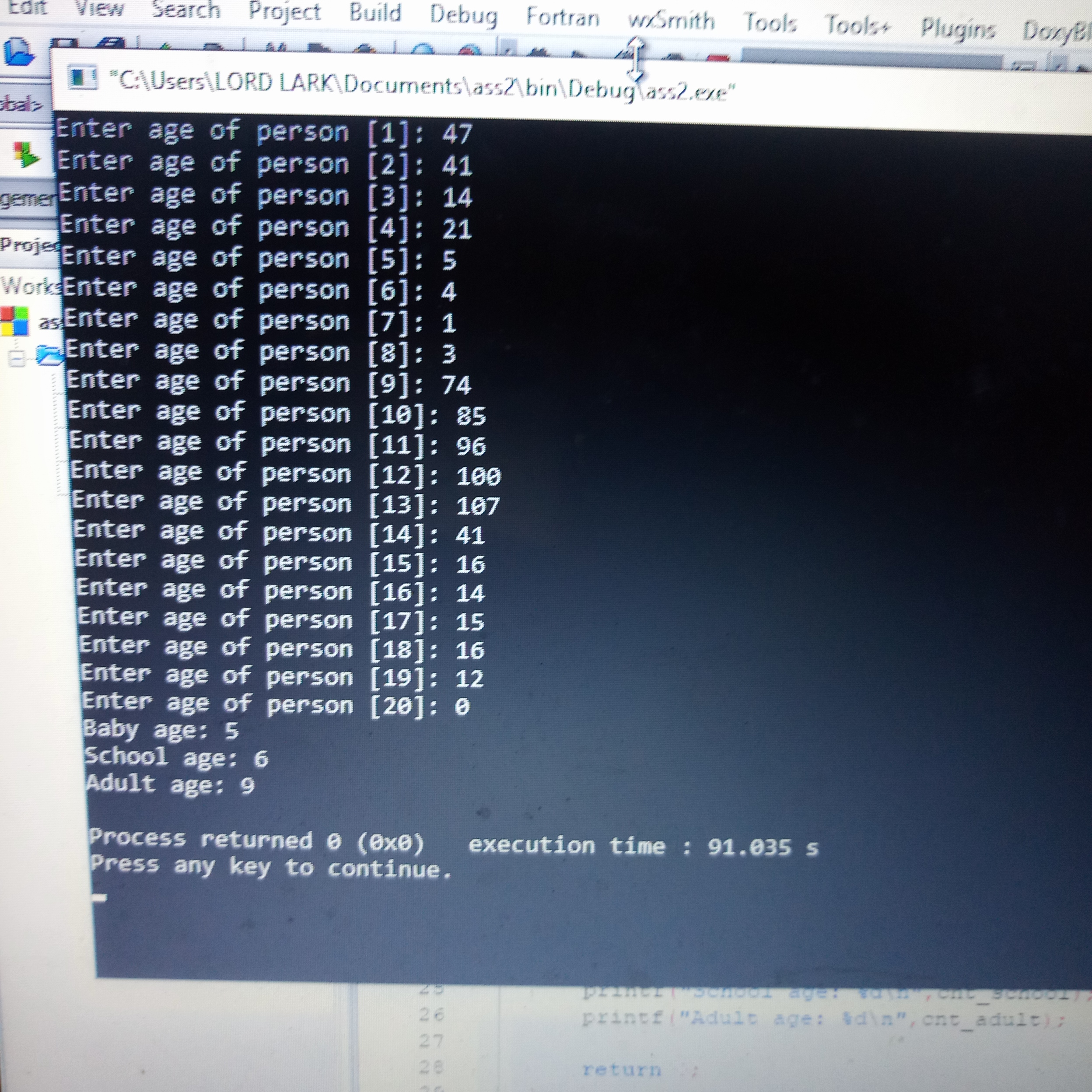
printf("Baby age: %d\n",cnt\_baby);

printf("School age: %d\n",cnt\_school);

printf("Adult age: %d\n",cnt\_adult);

return 0;

}



#include <time.h>

#include <stdio.h>

#include <stdlib.h>

#include <time.h>

int main()

{

int randomnom = 0, count = 0, num;

int stime;

long ltime;

ltime = time(NULL);

stime = (unsigned) ltime/2;

srand(stime);

randomnom = rand()%1000;

while(1)

{

count+=1;

printf("\n\nGuess a number from (0 to 1000): ");

scanf("%d", &num);

if (randomnom == num)

{

printf("You have guessed a correct number.");

break;

}

else if(randomnom < num)

{

printf("Generated number is less than entered number, try again");

}else if(randomnom > num)

{

printf("Generated number is greater than entered number, try again");

}

if(count==7)

{

printf("\n\n### Maximum number of attempts reached");

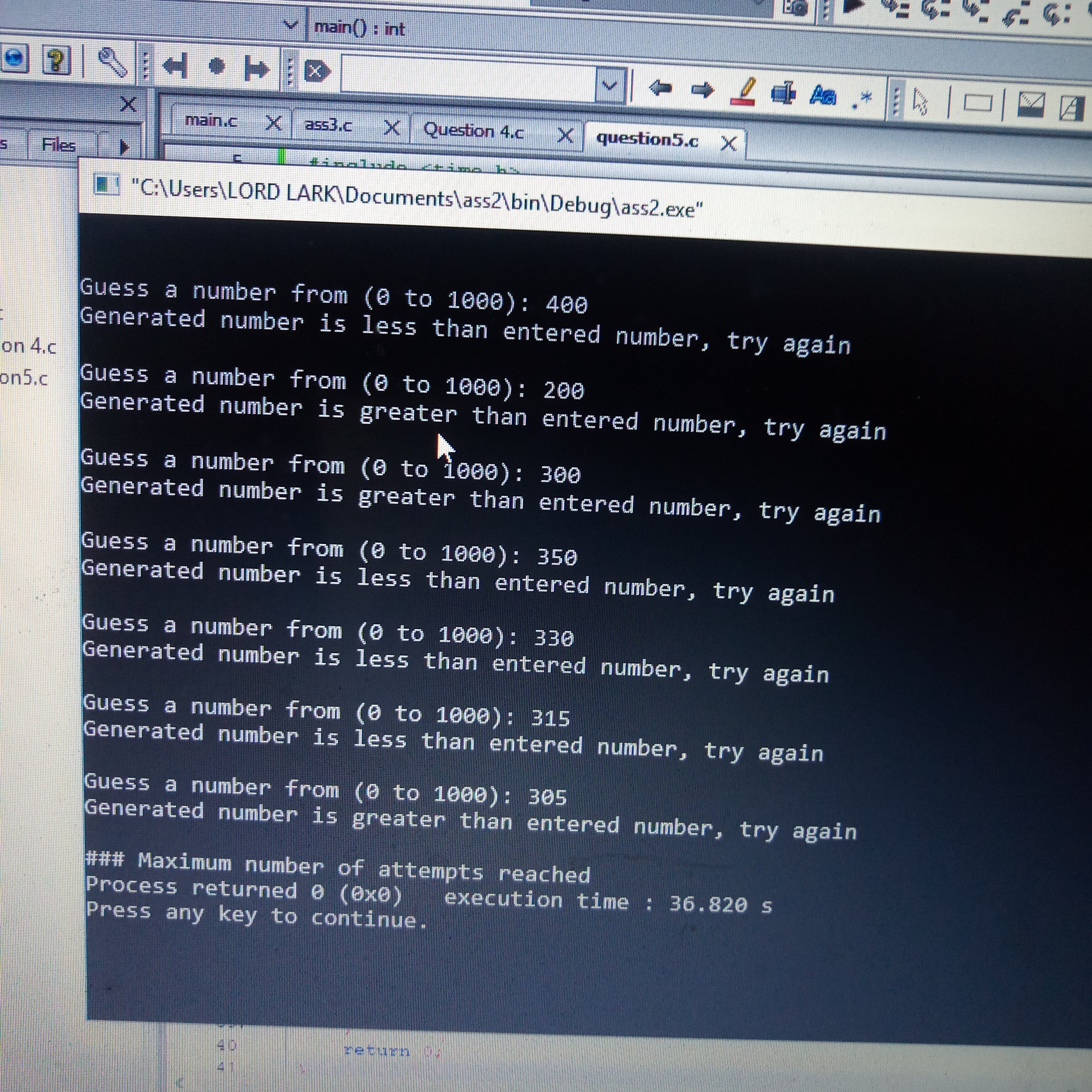
break;

}

}

return 0;

}



#include <stdio.h>

#include <stdlib.h>

int main()

{

int days, years, weeks;

days = 1329;

years = days/365;

weeks = (days % 365)/7;

days = days - (days%365)%7;

printf("Years = %d\n", years);

printf("Weeks = %d\n", weeks);

printf("Days = %d\n", days);

return 0;

}

