Lab\_2

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#include <stdio.h>

#include <stdlib.h>

#include <math.h>

int main()

{

double a,b,c,root1,root2,disc;

printf("please enter the number of a ,b and c :\n");

printf("enter number a:");

scanf("%lf",&a);

printf("enter number b: ");

scanf("%lf", &b);

printf("enter number c: ");

scanf("%lf", &c);

disc = b \* b - 4 \* a \* c;

printf("%lf",disc);

if(a!=0){

if(disc > 0){

root1 = (-b + sqrt(disc)) / (2 \* a);

root2 = (-b - sqrt(disc)) / (2\*a);

printf("root1 = %lf root2 = %lf \n",root1,root2);

}

if(disc == 0){

root1 = root2 = -b / (2 \* a);

printf("root\_1 = %lf root\_2 = %lf \n",root1,root2);

}

}else{

printf("please enter rakm 7elw");

}

printf("question 2 \n");

int num1 ,num2,num3,num4,num5,max,min;

printf("please enter the numbers \n");

scanf("%d %d %d %d %d",&num1,&num2,&num3,&num4,&num5);

min = max = num1;

if (num2 > max) {

max = num2;

}

if (num3 > max) {

max = num3;

}

if (num4 > max){

max = num4;

}

if (num5 > max) {

max = num5;

}

if (num2 < min) {

min = num2;

}

if (num3 < min) {

min = num3;

}

if (num4 < min) {

min = num4;

}

if (num5 < min){

min = num5;

}

printf("max num = %d min num = %d \n",max,min);

printf("question 3 \n");

/\* int num,max,min;

printf("please enter the numbers");

scanf("%d", &num);

max = min = num;

for (int i = 1; i < 5; i++){

scanf("%d", &num);

if (num > max) {

max = num;

}

if (num < min) {

min = num;

}

}

printf("max = %d min = %d",max,min);

\*/

return 0;

}