FILE LAB : 4

TASK: 2

OBJECTIVE:

Calculate quadratic equation on user input number.

SOURCE CODE:

```c
#include<stdio.h>
#include<conio.h>
#include<math.h>
void main(void)
{
clrscr();
int a,b,c;
float x,d;
a=sqrt(b);
printf("\tQUADRATIC EQUATION:\n");
printf("\t==================\n");
printf("\tEnter value of a=",a);
scanf("%d",&a);
printf("\tEnter value of b=",b);
scanf("%d",&b);
printf("\tEnter value of c=",c);
scanf("%d",&c);
x = sqrt((b*b)-(4*a*c));
d = ((-b+x))/((2*a));
printf("\tQuadratic Equation is = %f\n",d);
getch();
}
```

OUTPUT:

```
QUADRATIC EQUATION:
==================
Enter value of a=6
Enter value of b=9
Enter value of c=2
Quadratic Equation is = -0.271286
```