

FILE LAB : 4  
TASK: 1

SE-2017-11313

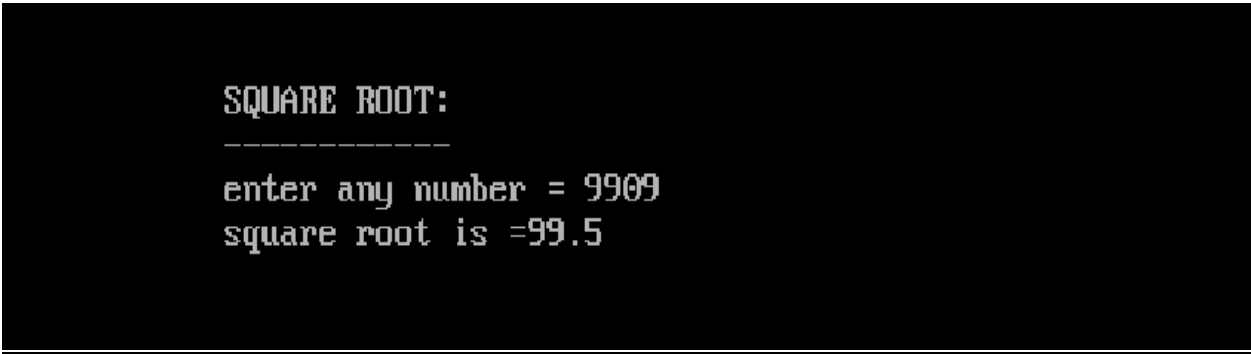
OBJECTIVE:

Calculate square root of any input no. (scanf) by using math file.

SOURCE CODE:

```
#include<stdio.h>
#include<conio.h>
#include<math.h>
void main(void)
{
clrscr();
float a,b;
printf("\t\tSQUARE ROOT:\n");
printf("\t\t-----\n");
printf("\t\tenter any number = ");
scanf("%f",&b);
a = sqrt(b);
printf("\t\tsquare root is =%.1f",a);
getch();
}
```

OUTPUT:

A screenshot of a terminal window with a black background and white text. The text shows the output of the program: 'SQUARE ROOT:' followed by a dashed line, then 'enter any number = 9909' and 'square root is =99.5'.

```
SQUARE ROOT:
-----
enter any number = 9909
square root is =99.5
```