

Program:

// Write a C program to check given number is perfect square or not

```
#include<stdio.h>
#include<math.h>

int main()
{
    int num = 0, i;
    float f;

    printf("Enter a Number : ");
    scanf("%d", &num);

    f = sqrt((double)num);
    i = f;

    if(i == f)
    {
        printf("%d is perfect square root of %d", num, i);
    }
    else
    {
        printf("%d is not a perfect square root", num);
    }

    return 0;
}
```

Output :

```
Enter a Number : 36
36 is perfect square root of 6
PS E:\SGGS\2ND YEAR\C> █
```

```
Enter a Number : 37
37 is not a perfect square root
PS E:\SGGS\2ND YEAR\C> █
```