

Computer programing

anish patel

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1 area of circle

```
#include <stdio.h>

int main()
float radius, area;

printf("Enter the radius of the circle ");

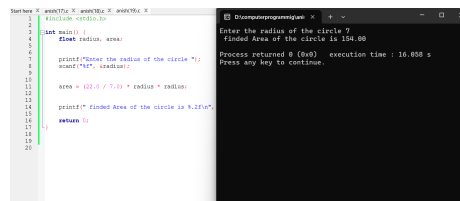
scanf("%f", &radius);

area = (22.0 / 7.0) * radius * radius;

printf(" finded Area of the circle is %.2f\n", area);

return 0;
```

2 output

The image shows a screenshot of a code editor and a terminal window. The code editor on the left displays the C program for calculating the area of a circle. The terminal window on the right shows the program's execution, including the prompt to enter the radius, the user input of 7, and the resulting area of 154.00. The terminal also shows the process return status and execution time.

```
Source: X: src\src\X: src\src\X: src\src\X
1  #include <stdio.h>
2
3  int main()
4  {
5      float radius, area;
6
7      printf("Enter the radius of the circle ");
8      scanf("%f", &radius);
9
10     area = (22.0 / 7.0) * radius * radius;
11
12     printf(" finded Area of the circle is %.2f\n", area);
13
14     return 0;
15 }
16
17
18
19
20
```

```
Enter the radius of the circle 7
Finded Area of the circle is 154.00
Process returned 0 (0x0)   execution time : 16.098 s
Press any key to continue.
```

Figure 1: