Question No-22:

//Program to calculate the area of the Sphere

#include<stdio.h>

int main()

{//Note : The value of pi is considered as constant

const float PI=3.14;

double area,radius;

```
radius=area=0;
printf("Enter the radius of Sphere :");
scanf("%lf",&radius);
area=4*PI*radius*radius;
printf("\n The area of sphere is %.2lf\n",area);
getch();
return 0;}
```
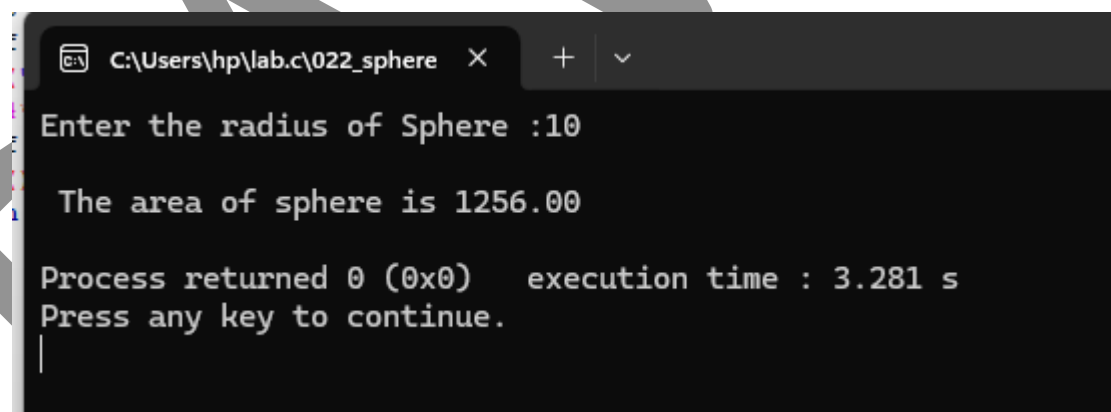
```
C:\Users\hp\lab.c\022_sphere   X    +   v

Enter the radius of Sphere :10

 The area of sphere is 1256.00

Process returned 0 (0x0)   execution time : 3.281 s
Press any key to continue.
```