

[■] NONAME00.CPP

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//C program to calculate diameter, circumference and area of circle
#include<stdio.h>
#include<conio.h>
int main()
{ clrscr();
  float radius, diameter, circumference, area;

  printf("Enter radius of circle: ");
  scanf("%f", &radius);

  diameter = 2 * radius;
  circumference = 2 * 3.14 * radius;
  area = 3.14 * (radius * radius);

  printf("Diameter of circle = %.2f units \n", diameter);
  printf("Circumference of circle = %.2f units \n", circumference);
  printf("Area of circle = %.2f sq. units ", area);
  getch();
  return 0;
}
```

Enter radius of circle: 5

Diameter of circle = 10.00 units

Circumference of circle = 31.40 units

Area of circle = 78.50 sq. units _