

C Programming Assignment 1

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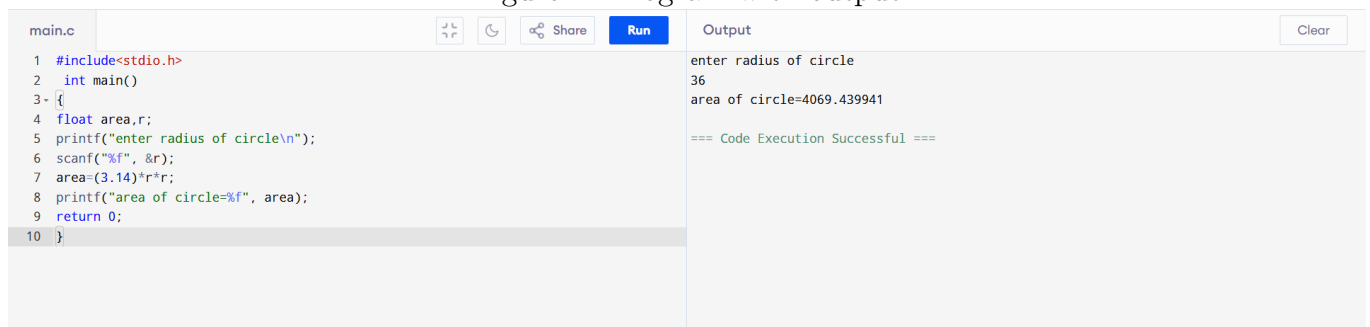
Question 19 : Area of a circle.

Write a program in C Area of a circle.

Code:

```
1 #include<stdio.h>
2 int main()
3 {
4 float area,r;
5 printf("enter radius of circle\n");
6 scanf("%f", &r);
7 area=(3.14)*r*r;
8 printf("area of circle=%f", area);
9 return 0;
10 }
```

Figure 1: Program with output



The screenshot shows a code editor with a file named 'main.c'. The code is as follows:

```
1 #include<stdio.h>
2 int main()
3 {
4 float area,r;
5 printf("enter radius of circle\n");
6 scanf("%f", &r);
7 area=(3.14)*r*r;
8 printf("area of circle=%f", area);
9 return 0;
10 }
```

Below the code editor, there is an 'Output' window. It displays the following text:

```
enter radius of circle
36
area of circle=4069.439941
=== Code Execution Successful ===
```

The interface includes a 'Run' button and a 'Clear' button for the output window.