

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

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

```
int main( )
```

```
{
```

```
float r,  $\pi$ , d, area, circumference;
```

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

```
float  $\pi$  = 3.14
```

```
scanf ("%f", &r);
```

```
circumference = 2 *  $\pi$  * r;
```

```
printf ("Circumference is %f", circumference);
```

```
area =  $\pi$  * r * r
```

```
printf ("area is %f", area);
```

```
d = 2 * r
```

```
printf ("diameter is %f", d);
```

```
return 0
```

```
}
```