

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

```
void main(){
```

```
    int ch;
```

```
    float area,peri,s,r,l,w;
```

```
    printf("1. circle\n 2. square\n 3. rectangle\n enter your choice\n");
```

```
    scanf("%d",&ch);
```

```
    switch(ch){
```

```
    case 1:
```

```
        printf("enter the radius of circle\n");
```

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

```
        area=3.14*r*r;
```

```
        peri=2*3.14*r;
```

```
        printf("area of circle=%f\n",area);
```

```
        printf("perimeter of circle=%f\n",peri);
```

```
        break;
```

```
    case 2:
```

```
        printf("enter the sides of square\n");
```

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

```
        area=s*s;
```

```
        peri=4*s;
```

```
        printf("area of square=%f\n",area);
```

```
        printf("perimeter of square=%f\n",peri);
```

```
        break;
```

```
    case 3:
```

```
        printf("enter the length and width of rectangle\n ");
```

```
        scanf("\n%f\n%f",&l,&w);
```

```
        area=l*w;
```

```
        peri=2*(l+w);
```

```
        printf("area of rect=%f\n",area);
```

```
        printf("perimeter of rect=%f\n",peri);
```

```
        break;
```

```
    ]
```

```
}  
PS C:\Users\sajid\OneDrive\Desktop\coding> cd "c:\Users\sajid\OneDrive\Desktop\coding\sajidsohil  
\" ; if ($?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile  
}  
1. circle  
2. square  
3. rectangle  
enter your choice  
1  
enter the radius of circle  
6  
area of circle=113.040001  
perimeter of circle=37.680000  
PS C:\Users\sajid\OneDrive\Desktop\coding\sajidsohil> █
```