

Q.1 Write a Program to find the area of a circle.

Ans :// find the area of circle

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

```
void main(){
    const float pi=3.14;
    int r,ans;

    printf("enter the value of r:");
    scanf("%d",&r);
    ans=pi*r*r;
    printf("\npi=%0.2f*%d*%d=%d",pi,r,r,ans);
}
```

o/p:

/tmp/lkHUwFaSkS.o

enter the value of r:56

pi=3.14*56*56=9847

=== Code Exited With Errors ===

Q.2 Write a Program to find the area of a rectangle

Ans:

```
//find the area of rectangle
```

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

```
void main(){

    int w,l;
    printf("type value of w:");
    scanf("%d",&w);
    printf("\ntype value of l:");
    scanf("%d",&l);

    printf("sum is : %d", w *l);
}
```

o/p: /tmp/rDVctbX9hz.o

type value of w:12

type value of l:12

sum is : 144

=== Code Exited With Errors ===

Q.3 Write a Program to find the area of a triangle

Ans:

```
//find the area of a triangle
#include<stdio.h>
```

```
void main(){

    int h,b;
    float a;
    printf("type value of h:");
    scanf("%d",&h);
    printf("\ntype value of b:");
    scanf("%d",&b);
    a=h*b/2;
    printf("sum is :a=%0.0f",a);

}
```

```
O\p: /tmp/c6XBjY1lfB.o
type value of h:56
```

```
type value of b:56
sum is :a=1568
```

=== Code Exited With Errors ===

Q.4 Write a Program to find Simple interest

Ans: //find Simple interest

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

```
void main(){

    int p,r,t;
    float si;

    printf("type value of p:");
    scanf("%d",&p);
    printf("\ntype value of r:");
    scanf("%d",&r);
    printf("\ntype value of t:");
```

```
scanf("%d",&t);
si=p*r*t/100;
printf("\n%f",si);
}
```

O\p: /tmp/I95sgXnqiW.o
type value of p:67

type value of r:73

type value of t:63

3081.000000

=== Code Exited With Errors ===

Q.5 Write a Program to find the Perimeter of the circle.

Ans:

```
//find the Perimeter of the circle.
#include<stdio.h>
```

```
void main(){
```

```
    int r;
    const float pi=3.14;
    float c;
    printf("type value of r:");
    scanf("%d",&r);
```

```
    c=2*pi*r;
    printf("\n%f",c);
}
```

O\p: /tmp/GZ1Q1hpVdY.o
type value of r:21

131.880005

=== Code Exited With Errors ===