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

```c
#include<stdio.h>
int 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",pi,r,r,ans);
}
```

Output

/tmp/2alPlfI0r7.o
enter the value of r=56

pi=3.14*32764*32764

=== Code Execution Successful ===

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

```c
#include<stdio.h>
int 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);
}
```

Output

/tmp/HTkfLnfLIW.o
type value of w:15

type value of l:15
sum is :225

=== Code Execution Successful ===

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

```c
#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("sun is:a=%do.of",a);
}
```

Output

/tmp/VX4pW0DLYq.o
type value of h:60

type value of b:60
sun is:a=0o.of

=== Code Exited With Errors ===

Q.4 Write a Program to find Simple interest.

```c
#include<stdio.h>
int main(){
int p,r,t;
float si;
printf("\ntype 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);
}
```

Output

/tmp/1IWSnmTfvO.o

type value of p:67

type value of r:10

type value of t:
-17789344.000000

=== Code Execution Successful ===

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

```
#include<stdio.h>
int 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);


}
```
Output

/tmp/24rHt9S6zl.o
type value of r:20

125.600006

=== Code Execution Successful ===