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

**Ans:**

**#include <stdio.h>**

**// #define pi 3.14;**

**int main(){**

**int r,ans;**

**printf("Enter value of r:");**

**scanf("%d",&r);**

**ans=3.14\*r\*r;**

**printf("\n%d",ans);**

**}**

**o/p**

**Enter value of r:10**

**314**

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

**Ans:**

**//find the area of rectangle**

**#include <stdio.h>**

**// #define pi 3.14;**

**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);**

**}**

**o/p**

**/tmp/5K8Evgewhl.o**

**type value of w:19**

**type value of l:14**

**sum is:266**

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

**Ans:**

**//find the area of rectangle**

**#include <stdio.h>**

**void main(){**

**int h,b;**

**float a;**

**printf("type valu of h:");**

**scanf("%d",&h);**

**printf("type valu of b:");**

**scanf("%d",&b);**

**a=h&b/2;**

**printf("sum is a=%0.0f",a);**

**}**

**o/p**

**/tmp/PCMd8rT9Qq.o**

**type valu of h:18**

**type valu of b:25**

**sum is a=0**

**Q.4 Write a Program to find Simple interest.**

**Ans:**

**//find simple intrest**

**#include<stdio.h>**

**void main(){**

**int p,r,t;**

**float si;**

**printf("type value of p:");**

**scanf("%d",&p);**

**printf("\ntype value");**

**scanf("%d",&r);**

**printf("\ntype value of t:");**

**scanf("%d",&t);**

**si=p\*r\*t/100;**

**printf("\n%f",si);**

**}**

**o/p**

**/tmp/IlTFzELIOt.o**

**type value of p:58**

**type value58**

**type value of t:65**

**2186.000000**

**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/ca8uD3ft5d.o**

**type value of r:585**

**3673.800049**