

Assignment 5

Ques no.1 Write a program to calculate the sum of two numbers.

```
#include<stdio.h>

void main()
{
    int num1,num2,sum=0;
    printf("Enter 1st Number ");
    scanf("%d",&num1);
    printf("Enter 2nd Number ");
    scanf("%d",&num2);
    sum=num1+num2;
    printf("sum = %d",sum);
}
```

Ques no.2 Write a program to calculate the area of a circle.

```
#include<stdio.h>

void main()
{
    float area,radius;
    printf("Enter radius ");
    scanf("%f",&radius);
    area= 3.14*(radius*radius);
    printf("area = %2f",area);
}
```

Ques no.3 Write a program to calculate the volume of a Cuboid.

```
#include<stdio.h>

void main()
{
    float volume,width,lenth,height;
    printf("Enter width ");
    scanf("%f",&width);
    printf("Enter lenth ");
```

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```
scanf("%f",&lenth);  
printf("Enter height ");  
scanf("%f",&height);  
  
volume= width*lenth*height;  
printf("volume = %2f",volume);  
}
```

Ques no.4 Write a program to calculate the Simple Interest.

```
#include<stdio.h>  
  
void main()  
{  
float si,principal,rate,time;  
printf("Enter principal ");  
scanf("%f",&principal);  
printf("Enter rate ");  
scanf("%f",&rate);  
printf("Enter time ");  
scanf("%f",&time);  
  
si=principal*rate*time/100;  
printf("Simple = %2f",si);  
}
```

Ques no.5 Write a program to calculate the area of rectangle.

Ques no.6 Write a program to calculate the Average of three numbers

```
#include<stdio.h>  
  
void main()  
{  
int num1,num2,num3;  
float av;  
printf("Enter num1 ");
```

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```
scanf("%d",&num1);
printf("Enter num2 ");
scanf("%d",&num2);
printf("Enter num3 ");
scanf("%d",&num3);

av=num1+num2+num3/100;
printf("average= %2f",av);
}
```

Ques no.7 Write a program to calculate the Square of a given number.

```
#include<stdio.h>
void main()
{
int num,sq;
printf("Enter a Number ");
scanf("%d",&num);
sq=num*num;
printf("Square = %d",sq);
}
```

Ques no.8 Write a program which takes a Character as input and printf its ASCII code.

```
#include<stdio.h>
void main ()
{
char var;
printf("Enter a Character ");
scanf("%ch",&var);
printf("%d",var);
}
```

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Ques no.10 Write a program to calculate the area of a triangle where base and height of the triangle are given.

```
#include<stdio.h>

void main ()
{
    float h,b,area;
    printf("Enter Height ");
    scanf("%f",&h);
    printf("Enter Base eeeeeeeeeee");
    scanf("%f",&b);
    area=h*b/2;
    printf("Area = %f",area);
}
```