

1. Write a program to calculate the sum of two numbers.

```
#include<stdio.h>

int main()
{
    int x , y;
    printf("Enter two numbers ");
    scanf("%d %d",&x ,&y);
    printf("The sum of two numbers is : %d\n",x+y);
}
```

2. Write a program to calculate the area of a circle.

```
#include<stdio.h>
int main ()
{
    float radius,area;
    printf("Enter the value of radius :\n");
    scanf("%f",&radius);
    printf("The area of cricle is : %f\n",radius*3.14);
}
```

3. Write a program to calculate the volume of a Cuboid.

```
#include<stdio.h>
int main ()
{
    float length,breadth,height;
    printf("Enter the value of length, breadth and height :\n");
    scanf("%f%f%f",&length,&breadth,&height);
    printf("The volume of cuboid is : %f\n",length*breadth*height);
}
```

4. Write a program to calculate the simple interest.

```
#include<stdio.h>
int main ()
{
    float principal_amount,rate,time;
    printf("Enter the value of principal amount, rate and time : \n");
    scanf("%f%f%f",&principal_amount,&rate,&time);
    printf("Simple Intrest is : %.2f\n",(principal_amount*rate*time)/100);
}
```

5. Write a program to calculate the area of a rectangle.

```
#include<stdio.h>
int main ()
{
    float length,width;
    printf("Enter the value of length and width : \n");
    scanf("%f%f",&length,&width);
    printf("Area of rectangle : %.2f\n",length*width);
}
```

6. Write a program to calculate the average of three numbers.

```
#include<stdio.h>
int main ()
{
    float x,y,z;
    printf("Enter any three numbers : \n");
    scanf("%f%f%f",&x,&y,&z);
    printf("The average of three numbers is : %.2f\n",(x+y+z)/3);
}
```

7. Write a program to calculate the square of a given number.

```
#include<stdio.h>
int main ()
{
    int x;
    printf("Enter any number :\n");
    scanf("%d",&x);
    printf("The square of given number is : %d\n",x*x);
}
```

8. Write a program which takes a character as input and print its ASCII code.

```
#include<stdio.h>
int main ()
{
    char x;
    printf("Enter any chractor : \n");
    scanf("%c",&x);
    printf("The ASCII code of given chractor is : %d\n",x);
}
```

9. Write a program to calculate the profit percentage upon selling a product. Cost price and selling price are given by the user.

```
#include<stdio.h>
int main ()
{
    float selling_price,cost_price;
    printf("Enter selling price and cost price : \n");
    scanf("%f%f",&selling_price,&cost_price);
    printf("Profit percentage is : %.1f\n",((selling_price-cost_price)/cost_price)*100);
}
```

10. Write a program to calculate the area of a triangle where base and height of the triangle are given.

```
#include<stdio.h>
int main ()
{
    float base,height;
    printf("Enter the value of base and height : \n");
    scanf("%f%f",&base,&height);
    printf("Area of triangle is : %.2f\n",(base*height)/2);
}
```