**Sum of two numbers**

#include <stdio.h

int main() {

int N1,N2,Sum;

printf("enter the two numbers: ");

scanf("%d %d", &N1, &N2);

Sum = N1+N2;

printf("the sum of two numbers is= %d\n", Sum);

return 0;

}

**Product of two numbers**

#include <stdio.h>

int main() {

int N1,N2,Product;

printf("enter the two numbers: ");

scanf("%d %d", &N1, &N2);

Product = N1\*N2;

printf("the sum of two numbers is= %d\n", Product);

return 0;

}

**Average of 5 numbers**

// Online C compiler to run C program online

#include <stdio.h>

int main() {

int num ;

int sum=0, i;

float average;

printf("enter five numbers:");

for (i=0;i<5;i++){

scanf("%d", &num);

sum=sum+num;

}

average =sum/5;

printf("Average=%f", average);

return 0;

}

**Swap 2 numbers**

// Online C compiler to run C program online

#include <stdio.h>

int main() {

int num1, num2;

int swap;

num1=100;

num2=200;

printf("num1 =%d, num2 = %d\n", num1, num2);

swap=num1;

num1=num2;

num2=swap;

printf("num1 =%d, num2 =%d\n", num1,num2);

return 0;

}

[**Program to print quotient and remainder**](https://learn.onlinegdb.com/c_program_print_quotient_remainder)

// Online C compiler to run C program online

#include <stdio.h>

int main() {

int num1, num2;

int Quotient, Rem;

printf("Enter first number :");

scanf("%d", &num1);

printf("Enter second number :");

scanf("%d", &num2);

if(num2==0){

printf("cant divide by zero.\n");

return 1;

}

Quotient=num1/num2;

Rem=num1 % num2;

printf("Quotient =%d, Rem = %d\n", Quotient, Rem);

return 0;

}

[**C Program to check if number is odd or even**](https://learn.onlinegdb.com/c_program_check_number_is_odd_even)

// Online C compiler to run C program online

#include <stdio.h>

int main() {

int num;

printf("Enter number :");

scanf("%d", &num);

if(num%2==0){

printf("Number is even\n");

return 1;

}

else{

printf("Number is odd\n");

}

return 0;

}

[**C Program to print size of int, char, float, double**](https://learn.onlinegdb.com/c_program_print_size_of_int_char_float_double)

#include <stdio.h>

int main()

{

printf("Size of char = %lu\n", sizeof(char));

printf("Size of int = %lu\n", sizeof(int));

printf("Size of float = %lu\n", sizeof(float));

printf("Size of double = %lu\n", sizeof(double))

return 0;

}

**Write a C Program to check if given year is leap year or not.**

#include <stdio.h>

int main()

{

int year;

int leapyear = 0;

printf("Enter a year: ");

scanf("%d", &year); // Read year

if( year%400 == 0 )

leapyear = 1;

else if( year%100 == 0 )

leapyear = 0;

else if( year%4 == 0 )

leapyear = 1

if(leapyear)

printf("This is leap year.\n");

else

printf("This isn't leap year.\n");

return 0;

}

[**C Program to find minimum numbers from entered numbers**](https://learn.onlinegdb.com/c_program_find_minum_numbers_from_entered_numbers)

#include <stdio.h>

#include <limits.h

int main()

{

int n;

int min\_num=INT\_MAX;

int num;

int i;

// Display message to enter number of elements

printf("How many numbers do you want to enter? ");

scanf("%d", &n);

// Display message to enter numbers one by one

printf("Enter %d numbers one by one: ", n);

for(i=1; i<=n; i++) {

scanf("%d", &num);

if(num < min\_num)

min\_num = num;

}

printf("Minmum number = %d\n", min\_num);

return 0;

}

[**C Program to find maximum numbers from entered numbers**](https://learn.onlinegdb.com/c_program_find_maximum_numbers_from_entered_numbers)

#include <stdio.h>

#include <limits.h>

int main()

{

int n;

int max\_num=INT\_MIN;;

int num;

int i;

// Display message to enter number of elements

printf("How many numbers do you want to enter? ");

scanf("%d", &n);

// Display message to enter numbers one by one

printf("Enter %d numbers one by one: ", n);

for(i=1; i<=n; i++) {

scanf("%d", &num);

if(num > max\_num)

max\_num = num;

}

printf("Maximum number = %d\n", max\_num = num);

return 0;

}

**Write a C Program to reverse number**.

#include <stdio.h>

#include <math.h>

int main()

{

int num;

int rev\_num;

int digit;

printf("Enter a number: ");

scanf("%d", &num);

rev\_num = 0;

while(num){

digit = num % 10;

rev\_num = rev\_num \* 10 + digit;

num = num/10;

}

printf("Reverse number : %d\n", rev\_num);

}

**Write a C Program to calculate power of number.**

#include <stdio.h>

int main()

{

int num;

int np;

int pow;

int i;

printf("Enter a number: ");

scanf("%d", &num);

printf("Which power of given number do you want to compute? ");

scanf("%d", &np); // Read nth power

pow = 1; // Initialize 'pow' with 1

for(i=0; i<np; i++)

pow = pow \* num;

printf("Power of given number is %d\n", pow);

}

**Write a C Program to display factors of number**

#include <stdio.h>

int main()

{

int number,i;

printf("enter a number\n");

scanf("%d",&number);

for(i=1;i<=number;i++)

{

if(number%i==0)

{

printf("%d\n", i);

}

}

return 0;

}

**Write a C Program to check if given character is digit or alphabet.**

#include <stdio.h>

int main()

{

char ch;

printf("Enter single characeter: ");

scanf("%c", &ch);

if( ch >= '0' && ch <= '9' )

printf("Entered character is digit.\n");

else if( (ch >='a' && ch<='z') || (ch >= 'A' && ch <= 'Z') )

printf("Entered character is alphabet.\n");

else

printf("Entered character is neither digit nor alphabet.\n");

}

**Write a C Program to compute the area and perimeter of a rectangle**

#include <stdio.h>

int main()

{

int length,width;

float area,peri;

printf("enter length\n");

scanf("%d",&length);

printf("enter width\n");

scanf("%d",&width);

area=length\*width;

peri=2\*(length+width);

printf("Area: %f\n",area);

printf("Perimeter: %f",peri);

return 0;

}

**Decimal to octal conversion**

// Online C compiler to run C program online

#include <stdio.h>

int main() {

// Write C code here

int num;

int Oct\_array [100];

int i=0;

printf("Enter the decimal number");

scanf("%d", &num);

while(num){

Oct\_array[i] = num%8;

num = num/8;

i++;

}

printf("Octal number: ");

while(i--){

printf("%d",Oct\_array[i]);

}

return 0;

}

**Decimal to binary conversion**

// Online C compiler to run C program online

#include <stdio.h>

int main() {

// Write C code here

int num;

int binary[100];

int i=0;

printf("Enter the decimal number");

scanf("%d", &num);

while(num){

binary[i] = num%2;

num = num/2;

i++;

}

printf("Binary: ");

while(i--){

printf("%d",binary[i]);

}

return 0;

}

**Decimal to hexadecimal conversion**

// Online C compiler to run C program online

#include <stdio.h>

int main() {

// Write C code here

int num;

char hex\_arr[100];

int i=0;

printf("Enter the decimal number");

scanf("%d", &num);

while(num){

int deci\_num = num%16;

if(deci\_num<10)

hex\_arr[i] = '0' + deci\_num;

else

hex\_arr[i] = 'A' + (deci\_num-10);

num = num/16;

i++;

}

printf("hexadecimal: ");

while(i--){

printf("%c",hex\_arr[i]);

}

r