C Program: sum of digits of given number

2. C Program: finding odd and even numbers between the given range

you're supposed to find the odd and even numbers present between 6 and 15 and print them both separately

3. C Program: calculating simple interest ( condition: if the user is a senior citizen, 12% should be the rate. if they're not, 10% should be the rate)

so for input: principal amount and time

you need to use if-else loop to add 12% and 10% in the calculation part

4. Shell program: to find the closest integer

eg: if the given integer is 89.666, the output should print 90

C Program - number series

C Program - factorial of a number

C Program - reverse the given digits

C Program - arithmetic calculator

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C programming for sum of array

C programming to find min and Max

C programming to find a elements index in a array

C program to find a leap year

C program to sum of min and max

1.c program to convert Decimal to hexa decimal

2.c program to find square cube of a decimal number

3.c program to check whether the person is eligible for vote or not?

4.Shell program to Find the Both strings are Equal or not ?

C programming array of numbers

C programming pattern of numbers

C programming number of line

Shell programming length of string

C program-for number series

C program-for arithmetic operations

C program-for reverse number

C program-for factorial

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C program to find no. Of strings

C program to find sum of array where array limit is 10

Shell program to find area of square

Shell program to find leap year

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2.c program to find square cube of a decimal number

3.c program to check whether the person is eligible for vote or not?

4.Shell program to Find the Both strings are Equal or not ?

C program to merge the numbers.

C program to find the sum of the values.

Shell program to find the square of the number.

Shell program to find the vowels in a word.

C programme to convert decimal to hexa

C programme to find the square and qube of the given number

C programme to tell whether you're eligible for voting or not and tell how many years from now to vote

Shell programme to find the two strings are equal or not

1. c program of to find nagative number in a array.

2. c program of to find reverse a array.

3. c program of changing diagonal elements in a matrix.

4. shell program of to find biggest two numbers.

C programming for sum of array

C programming to find min and Max

C programming to find a elements index in a array

C program to find a leap year

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1. C Program: sum of digits of given number

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4. Shell program: to find the closest integer

eg: if the given integer is 89.666, the output should print 90

C program to write number line

C program for multiplication of m and n

C program for composite of array number

Shall program to find length of the string

sum of array to find minimum and maximum

find negative numbers in an array

reverse an array

sum of array to find minimum and maximum

#include<stdio.h>

#include <conio.h>

int sumofarray(int a[],int n)

{

int min,max,i;

min=max=a[0];

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

{

if(min>a[i])

min=a[i];

if(max<a[i])

max=a[i];

}

printf("minimum of array is : %d",min);

printf("\nmaximum of array is : %d",max);

}

int main()

{

int a[1000],i,n,sum;

printf("Enter size of the array : ");

scanf("%d", &n);

printf("Enter elements in array : ");

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

{

scanf("%d",&a[i]);

}

sumofarray(a,n);

}

find negative numbers in an array

#include<stdio.h>

int main()

{

int Size, i, a[10];

printf("\n Please Enter the Size of an Array : ");

scanf("%d", &Size);

printf("\n Please Enter the Array Elements : ");

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

{

scanf("%d", &a[i]);

}

printf("\n List of Negative Numbers in this Array : ");

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

{

if(a[i] < 0)

{

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

}

}

return 0;

}

reverse an array

#include <stdio.h>

int main()

{

int n, c, d, a[100], b[100];

printf("Enter the number of elements in array\n");

scanf("%d", &n);

printf("Enter the array elements\n");

for (c = 0; c < n ; c++)

scanf("%d", &a[c]);

for (c = n - 1, d = 0; c >= 0; c--, d++)

b[d] = a[c];

for (c = 0; c < n; c++)

a[c] = b[c];

printf("Reverse array is\n");

for (c = 0; c < n; c++)

printf("%d\n", a[c]);

return 0;

}

sum of array

#include<stdio.h>

int main(){int sum;

int arr[5];

printf("enter the numbers:");

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

{

scanf("%d",&arr[i]);

sum=sum+arr[i];

}

printf("the sum is :%d",sum);

return 0;

}

square and cube of a number

#include <stdio.h>

int main()

{

int no;

printf("Enter a number : ");

scanf("%d", &no);

printf("Square of %d is %d\n", no, (no \* no));

printf("Cube of %d is %d\n", no, (no \* no \* no));

}

odd and even numbers in a range

#include<stdio.h>

int main(){

int m,n,i,num;

printf("enter the value of m");

scanf("%d",&m);

printf("enter the value of n");

scanf("%d",&n);

printf("even numbers are:");

for(i=m;i<=n;i++)

{

if(i%2==0)

{

printf("%d",i);

}

}

printf("\n");

printf("odd numbers are");

for(i=m;i<=n;i++)

{

if(i%2 !=0)

{

printf("%d",i);

}

}

return 0;

}

Merge the numbers

[9:52 AM, 2/8/2023] Joselin Mam: #include<stdio.h>

int main()

{

int aSize, bSize, mSize, i, j;

int a[10], b[10], Merged[20];

printf("\n Please Enter the First Array Size : ");

scanf("%d", &aSize);

printf("\nPlease Enter the First Array Elements : ");

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

{

scanf("%d", &a[i]);

}

printf("\n Please Enter the Second Array Size : ");

scanf("%d", &bSize);

printf("\nPlease Enter the Second Array Elements : ");

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

{

scanf("%d", &b[i]);

}

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

{

Merged[i] = a[i];

}

mSize = aSize + bSize;

for(i = 0, j = aSize; j < mSize && i < bSize; i++, j++)

{

Merged[j] = b[i];

}

printf("\n a[%d] Array Elements After Merging \n", mSize);

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

{

printf(" %d \t ",Merged[i]);

}

return 0;

}

Interchanging diagonal of element in matrix

#include<stdio.h>

int main()

{

int i, j, rows, columns, arr[10][10], temp;

printf("\n Please Enter Number of rows and columns : ");

scanf("%d %d", &i, &j);

printf("\n Please Enter the Matrix Elements \n");

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

{

for(columns = 0;columns < j;columns++)

{

scanf("%d", &arr[rows][columns]);

}

}

if(rows == columns)

{

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

{

temp = arr[rows][rows];

arr[rows][rows] = arr[rows][i - rows - 1];

arr[rows][i - rows - 1] = temp;

}

printf("\n Matrix Elemnts after Interchanging Diagonals are: \n");

for(rows = 0; rows < j; rows++)

{

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

{

printf("%d \t ", arr[rows][columns]);

}

printf("\n");

}

}

else

{

printf("\n The Matrix that you entered is Not a Square matrix" );

}

return 0;

}