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*TASK:-10/10/2021*

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1. wap to input 10 element and find sum of all.

#include<stdio.h>

void main()

{

int i,n[10],sum=0;

printf("Enter a 10 Element of array :");

for(i=0;i<=9;i++)

{

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

sum=sum+n[i];

}

printf("Total 10 number of sum = %d",sum);

}

1. wap to find greatest number within 10 element of array.

#include<stdio.h>

void main()

{

int a[10],i,g=0;

printf("Enter a 10 number :");

for(i=0;i<=9;i++)

{

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

}

g=a[0];

for(i=1;i<=9;i++)

{

if(a[i]>g)

g=a[i];

}

printf("Greatest value is :%d",g);

}

3.wap to find smallest number within 10 element.

#include<stdio.h>

void main()

{

int a[10],i,g=1;

printf("Enter a 10 number :");

for(i=0;i<=9;i++)

{

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

}

g=a[0];

for(i=1;i<=9;i++)

{

if(a[i]<g)

g=a[i];

}

printf("smallest value is :%d",g);

}

1. wap to input 10 element and arrage value in descending order.

//decending order......

#include<stdio.h>

void main()

{

int num[10],i,j,temp;

printf("Enter a 10 value :");

for(i=0;i<=9;i++)

{

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

}

for(i=0;i<=9;i++)

{

for(j=i+1;j<=9;j++)

{

if(num[j]>num[i])

{

temp=num[i];

num[i]=num[j];

num[j]=temp;

}

}

}

printf("decending order :\n");

for(i=0;i<=9;i++)

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

}

5.wap to input 10 element and arrage value in ascending order.

//acending order.....

#include<stdio.h>

void main()

{

int n[10],i,j,temp;

printf("Enter a 10 number :\n");

for(i=0;i<=9;i++)

{

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

}

for(i=0;i<=9;i++)

{

for(j=i;j<=9;j++)

{

if(n[j]<n[i])

{

temp=n[i];

n[i]=n[j];

n[j]=temp;

}

}

}

printf("Acending Order....\n ");

for(i=0;i<=9;i++)

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

}

6.wap to input 10 element and check a given value is present array or not.

7.wap to input 10 element of array and print only unique elements of array.

#include<stdio.h>

void main()

{

int i,j,num[10];

printf("Enter a 10 element :\n");

for(i=0;i<10;i++)

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

printf("Unique array is:\n");

for(i=0;i<10;i++)

{

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

{

if(num[i]==num[j])

break;

}

if(i==j)

{

printf("%d",num[j]);

}

}

}

8.wap to input 10 element of array and count a given value is how many times present in array.

#include<stdio.h>

void main()

{

int num[10],i,val,count=0;

printf("Enter a 10 element:");

for(i=0;i<=9;i++)

{

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

}

printf("Enter a value to find how many time's present in array: \n");

scanf("%d",&val);

for(i=0;i<=9;i++)

{

if(num[i]==val)

{

count++;

}

}

printf("%d present in array %d times.",val,count);

}

9.wap to input 10 element and find sum of two sequential elements.

#include<stdio.h>

void main()

{

int num[10],i,j,sum[5],pos=0;

printf("Enter a 10 Elemnet:\n");

for(i=0;i<=9;i++)

{

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

}

printf("Sequential array is :\n");//10 20 30 40 50 60 70 80 90 100

for(i=0;i<=9;i=i+2)

{

sum[pos]=num[i]+num[i+1];

pos++;

}

for(i=0;i<=4;i++)

{

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

}

}

10.wap to input 10 elements on two array and find sum of both arrays.

#include<stdio.h>

void main()

{

int n1[10],n2[10],i,sum[10];

printf("Enter A first 10 number :\n");

for(i=0;i<=9;i++)

{

scanf("%d",&n1[i]);

}

printf("\nEnter A second 10 number :\n");

for(i=0;i<=9;i++)

{

scanf("%d",&n2[i]);

}

for(i=0;i<=9;i++)

{

sum[i]=n1[i]+n2[i];

}

printf("Toral sum of array is :\n");

for(i=0;i<=9;i++)

{

printf("%d\n",sum[i]);

}

}

11. wap to input 10 element of array and check a given value is how many times present in array and on

which position.

#include<stdio.h>

void main()

{

int a[10],i,val ,count;

printf("Enter a 10 number :\n");

for(i=0;i<=9;i++)

{

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

}

printf("Enter a value to check it's present in array or not:\n ");

scanf("%d",&val);

printf("value is present at :");

for(i=0;i<=9;i++)

{

if(a[i]==val)

{

count++;

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

}

}

printf("\nposition in array ");

printf("total %d time %d present in array",val,count);

}

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