**Largest number in an array**

#include <stdio.h>

int main(){

int i,n;

float arr[100];

printf("Enter total number of elements(1 to 100): ");

scanf("%d",&n);

printf("\n");

for(i=0;i<n;++i) /\* Stores number entered by user. \*/

{

printf("Enter Number %d: ",i+1);

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

}

for(i=1;i<n;++i) /\* Loop to store largest number to arr[0] \*/

{

if(arr[0]<arr[i]) /\* Change < to > if you want to find smallest element\*/

arr[0]=arr[i];

}

printf("Largest element = %.2f",arr[0]);

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

{

printf(" %f,",arr[i]);

}

return 0;

}

**Remove duplicate value from array**

#include<stdio.h>

#include<conio.h>

int main()

{

int i,j,k,n,num;

int a[100];

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

scanf("%d",&n);

printf("\n Enter values in the array");

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

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

for(i=0;i<n-1;i++)

{

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

{

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

{

n=n-1;

for(k=j;k<n;k++)

a[k]=a[k+1];

j=j-1;

}

}

}

printf("\n After removing duplicate values :\n");

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

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

return 0;

}#include<stdio.h>

#include<conio.h>

int main()

{

int i,j,k,n,num;

int a[100];

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

scanf("%d",&n);

printf("\n Enter values in the array");

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

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

for(i=0;i<n-1;i++)

{

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

{

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

{

n=n-1;

for(k=j;k<n;k++)

a[k]=a[k+1];

j=j-1;

}

}

}

printf("\n After removing duplicate values :\n");

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

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

return 0;

}

**String Palindrome**

#include<stdio.h>

#include<string.h>

void main()

{

int i, k, c;

char a[100],b[100];

printf("\nEnter a string=>");

gets(a);

k=strlen(a);

c=k;

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

{

b[i]=a[k-1];

k--;

}

if(strcmp(a,b)==0)

printf("string is a Palindrome");

else

printf("String is not Palindrome");

}

**2D Array (Sum of 2 arrays )**

#include<stdio.h>

int main()

{

int a[2][3],b[2][3],c[2][3],i,j;

printf("\n enter values in First 2D array");

for (i=0;i<=1;i++){

for (j=0;j<=2;j++){

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

}//end of inner loop

}//end of output loop

printf("\n enter values in Second 2D array");

for (i=0;i<=1;i++){

for (j=0;j<=2;j++){

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

}//end of inner loop

}//end of output loop

for (i=0;i<=1;i++){

for (j=0;j<=2;j++){

c[i][j]=a[i][j]+b[i][j];

printf(" %d ",c[i][j]);

}//end of inner loop

printf("\n");

}//end of output loop }

**changing case**

#include<stdio.h>

int main()

{

int i=0;

char ch[i];

printf("\nEnter a word=>");

gets(ch);

while(ch[i]!='\0')

{

if(ch[i]>=65&&ch[i]<=90)

{

ch[i]=ch[i]+32;

}

else

{

if(ch[i]>=97&&ch[i]<=122)

{

ch[i]=ch[i]-32;

}

}

i++;

}

puts(ch);

}