//

#include <stdio.h>

int main() {

int arr[100],size,x,i,j,flag;

printf("Enter the array size:\n");

scanf("%d",&size);

printf("\nEnter the elements:");

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

{

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

}

printf("\nEnter any number:");

scanf("%d",&x);

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

{

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

{

if((arr[i]+arr[j])==x)

{

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

flag=0;

break;

}

}

}

if(flag==1)

{

printf("Numbers not found");

}

return 0;

}

// Second largest from array

#include <stdio.h>

void main() {

int arr[100],size,i,j,large,large2;

printf("Enter the array size:\n");

scanf("%d",&size);

printf("\nEnter the elements:");

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

{

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

}

large=arr[0];

large2=arr[0];

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

{

if(arr[i]>large)

{

large=arr[i];

}

}

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

{

if(arr[i]>large2 && arr[i]!=large)

{

large2=arr[i];

}

}

printf("Second largest: %d\n",large2);

}

// Online C compiler to run C program online

#include <stdio.h>

void main() {

int arr[100],size,x,i;

printf("Enter the array size:\n");

scanf("%d",&size);

printf("\nEnter the elements:");

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

{

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

}

printf("Enter any number:");

scanf("%d",&x);

printf("%d",fun(arr,size,x));

}

int fun(int arr[],int size,int x)

{

int brr[2];

int i,j,flag=0;

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

{

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

{

if(arr[i]+arr[j]==x)

{

brr[0]=arr[i];

brr[1]=arr[j];

}

}

}

return arr

}

//////////SECOND LARGEST

#include <stdio.h>

void main() {

int arr[100],size,i,j,large,large2;

printf("Enter the array size:\n");

scanf("%d",&size);

printf("\nEnter the elements:");

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

{

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

}

large=arr[0];

large2=arr[0];

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

{

if(arr[i]>large)

{

large=arr[i];

}

}

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

{

if(arr[i]>large2 && arr[i]!=large)

{

large2=arr[i];

}

}

printf("Second largest: %d\n",large2);

}

////// Half ascending half descending

// Online C compiler to run C program online

#include <stdio.h>

void main()

{

int arr[100],n,i,j,temp;

printf("Enter array size:");

scanf("%d",&n);

printf("\nEnter the array elements:");

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

{

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

}

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

{

for(j=0;j<n/2;j++)

{

if(arr[j]>arr[j+1])

{

temp=arr[j];

arr[j]=arr[j+1];

arr[j+1]=temp;

}

}

for(j=n/2;j<n;j++)

{

if(arr[j]<arr[j+1])

{

temp=arr[j];

arr[j]=arr[j+1];

arr[j+1]=temp;

}

}

}

printf("\n Array after sorting:");

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

{

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

}

}

////// Greater, Smaller and Equal to zero.

// Online C compiler to run C program online

#include <stdio.h>

void main() {

int arr[100],n,i,zcount=0,lcount=0,scount=0;

printf("Enter the array size:\n");

scanf("%d",&n);

printf("\nEnter the elements:");

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

{

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

}

printf("\nArray elements are:");

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

{

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

}

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

{

if(arr[i]==0)

{

zcount++;

}

if(arr[i]<0)

{

scount++;

}

if(arr[i]>0)

{

lcount++;

}

}

printf("\nEqual: %d",zcount);

printf("\nGreater: %d",lcount);

printf("\nSmaller: %d",scount);

}

///// Copy array1 into array2

// Online C compiler to run C program online

#include <stdio.h>

void main() {

int arr[100],n,i,brr[100];

printf("Enter the array size:\n");

scanf("%d",&n);

printf("\nEnter the elements:");

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

{

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

}

printf("\nArray elements are:");

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

{

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

}

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

{

brr[i]=arr[i];

}

printf("\nAfter copy to another array:");

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

{

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

}

}

////// Seperate odd and even

// Online C compiler to run C program online

#include <stdio.h>

void main() {

int arr[100],n,i,temp,j;

printf("Enter the array size:\n");

scanf("%d",&n);

printf("\nEnter the elements:");

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

{

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

}

printf("\nArray elements are:");

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

{

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

}

i=0;

j=n-1;

while(i<j)

{

while(arr[i]%2==0)

{

i++;

}

while(arr[j]%2==0)

{

j--;

}

if(i<j)

{

arr[i]=temp;

arr[i]=arr[j];

arr[j]=temp;

i++;

j--;

}

}

printf("\nAfter seperate odd and even:");

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

{

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

}

}

Ls

Gcc -g -o hello hello.c

Ls

Gdb hello

Start / Run / si – step by step in detail

S // step by step

S

S