FIND THE SMALLEST AND LARGEST VALUE

ALGORITHM:

STEP 1: Start the program

STEP 2: Int values is minno,maxno,p,q,r,s

STEP 3: Print enter the number and using scanf %d,p,q,r,s

STEP 4: using if and else condition

STEP 5: Print the largest number and print the smallest number.

STEP 6: Finally return 0.

COMMANDS:

if(minno>q) //checking 1st and 2nd number

minno=q;

if(minno>r) //checking 1st and 3rd number

minno=r;

if(minno>s) //checking 1st and 4th number

minno=s;

PROGRAM:

#include<stdio.h>

int main(){

int minno,maxno,p,q,r,s;

printf("enter any four numbers:");

scanf("%d%d%d%d",&p,&q,&r,&s);

minno=p;

maxno=p;

if(minno>q)

minno=q;

else if(maxno<q)

maxno=q;

if(minno>r)

minno=r;

else if(maxno<r)

maxno=r;

if(minno>s)

minno=s;

else if(maxno<s)

maxno=s;

printf("Largest number is:%d\n",maxno);

printf("Smallest numbers is:%d",minno);

return 0;

}

OUTPUT:

enter any four numbers:8 9 3 9

Largest number is:9

Smallest numbers is:3