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You are asked to develop a program that allows a user to enter

a set of numbers. The user can decide the size of this set when the program runs. Your

program must find the highest and lowest number in the set and display both to standard

output

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#include <stdio.h>

int main()

{

int size;;// an integer variable is created and can hold only integers

int index = 0;// an integer with name ‘index’ is created and it’s value is 0

printf("Please enter the size of the array");//print the size of the array

scanf("%d", &size); //wait of the user input of the size

int array[size];// creates an array with the value in size variable

while(index < size){ //while loop to repeat until index reaches size

printf("please enter any number");//print enter the number

scanf("%d",&array[index]);//read input into elements of the array

index++;//this is adding 1 to index

}

int highest=array[0];

index=0;// an integer with name ‘index’ is created and it’s value is 0

while(index < size){//while loop to repeat until index reaches size

if(array[index] > highest){

highest=array[index];

}

index++;//this is adding 1 to index

}

printf("The highest number is %d", highest);

int lowest=array[0];

index=0;// an integer with name ‘index’ is created and it’s value is 0

while(index < size){//while loop to repeat until index reaches size

if(array[index] < lowest){

lowest=array[index];

}

index++;//this is adding 1 to index

}

printf("\nThe lowest number is %d", lowest);

}