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**LAB MANUAL 8 HOMETASK**

#include<iostream>

Using namespace std;

Is common in all

**QUESTION 1:**

int main(){

int count=0;

int n;

cout<<"enter the number of arrays";

cin>> n;

int arr[n];

cout<< "enter the elements of array";

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

cin>> arr[i];

}

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

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

if(arr[i]==arr[j]){

cout<< "the most repeated element is/are as follows ";

cout<< arr[j]<<" ";

}

}

return 0;

}

**QUESTION 2:**

int main(){

int arr[8]={13,15,17,9,99,77,65,43};

int min,max;

min=arr[0];

max=arr[0];

for(int i=0;i<8;i++){

if(arr[i]<min){

min=arr[i];

}

if(arr[i]>max){

max=arr[i];

}

}cout<<"the smallest num is as follows"<<" "<<min<<endl;

cout<<"the largest num is as follows"<<" "<<max;

return 0;

}

**QUESTION 3:**

int main(){

int n;

int temp;

cout<<"enter the number of arrays ";

cin>> n;

int arr[n];

cout<<"enter the elements of the array";

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

cin>>arr[i];

}

temp=arr[3];

arr[3]=arr[1];

arr[1]=temp;

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

cout<<arr[i]<<endl;

}

return 0;

}