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MANUAL 8 – HOMETASKS

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**LABTASK 1:**

**CODE:**

#include<iostream>

using namespace std;

int main(){

cout << "Enter 10 elements of an array:";

int a[10],mostrep,sum1=0;

for(int i=0;i<=9;i++){

cin>>a[i];

}

for(int i=0;i<=9;i++){

int sum =0;

for(int j=0;j<=9;j++){

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

sum = sum + 1;

}

}

if (sum>sum1){

sum1 = sum;

mostrep = a[i];

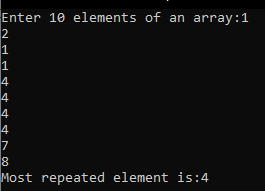
}

}

cout << "Most repeated element is:"<<mostrep;

}

**OUTPUT:**

****

**LABTASK 2:**

**CODE:**

#include<iostream>

using namespace std;

int main(){

int a[8] = {13, 15, 17, 9, 99, 77, 65, 43},max=0,min;

for(int i=0;i<=7;i++){

for (int j=0;j<=7;j++){

if (a[j]>a[i] && a[j]>max){

max = a[j];

}

}

}

cout << "The largest number is:"<<max;

min = max;

for(int i=0;i<=7;i++){

for (int j=0;j<=7;j++){

if (a[j]<a[i] && a[j]<min){

min = a[j];

}

}

}

cout <<endl<<"The smallest number is:"<< min;

}

**OUTPUT:**

**A black and white screen with white text

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**LABTASK 3:**

**CODE:**

#include<iostream>

using namespace std;

int main(){

int a[5],temp;

cout << "Enter 5 elements of an array:";

for(int i=0;i<=4;i++){

cin>>a[i];

}

temp = a[2];

a[2] = a[4];

a[4] = temp;

cout << "The array after swaping is:"<<endl;

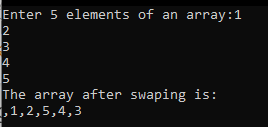
for(int i=0;i<=4;i++){

cout << ","<<a[i];

}

}

**OUTPUT:**

**A screenshot of a computer

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