**Prg 1:**

#include <iostream>

using namespace std;

int main() {

double n1, n2, n3;

cout << "Enter three numbers: ";

cin >> n1 >> n2 >> n3;

// check if n1 is the largest number

if(n1 >= n2 && n1 >= n3)

cout << "Largest number: " << n1;

// check if n2 is the largest number

else if(n2 >= n1 && n2 >= n3)

cout << "Largest number: " << n2;

// if neither n1 nor n2 are the largest, n3 is the largest

else

cout << "Largest number: " << n3;

return 0;

}

2. Develop a C++ program to sort the elements in ascending and descending order.

2. #include<bits/stdc++.h>

using namespace std;

void ascDecFunc(int a[], int n)

{

int temp;

for(int i=0;i < n-1;i++)

{

for(int j = 0;j < n/2; j++) { if(a[j]>a[j+1])

{

temp=a[j];

a[j]=a[j+1];

a[j+1]=temp;

}

}

for(int j = n/2;j < n-1; j++)

{

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

{

temp=a[j];

a[j]=a[j+1];

a[j+1]=temp;

}

}

}

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

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

}

int main()

{

int arr[] = {3, 2, 4, 1, 10, 30, 40, 20};

int len = sizeof(arr) / sizeof(arr[0]);

ascDecFunc(arr, len);

return 0;

}

output

1 2 3 4 40 30 20 10

**Prg 4:**

#include<iostream>

#include<stdio.h>

#include<string.h>

using namespace std;

class bank

{

int acno;

char nm[100], acctype[100];

float bal;

public:

bank(int acc\_no, char \*name, char \*acc\_type, float balance) //Parameterized Constructor

{

acno=acc\_no;

strcpy(nm, name);

strcpy(acctype, acc\_type);

bal=balance;

}

void deposit();

void withdraw();

void display();

};

void bank::deposit() //depositing an amount

{

int damt1;

cout<<"\n Enter Deposit Amount = ";

cin>>damt1;

bal+=damt1;

}

void bank::withdraw() //withdrawing an amount

{

int wamt1;

cout<<"\n Enter Withdraw Amount = ";

cin>>wamt1;

if(wamt1>bal)

cout<<"\n Cannot Withdraw Amount";

bal-=wamt1;

}

void bank::display() //displaying the details

{

cout<<"\n ----------------------";

cout<<"\n Accout No. : "<<acno;

cout<<"\n Name : "<<nm;

cout<<"\n Account Type : "<<acctype;

cout<<"\n Balance : "<<bal;

if(bal<500)

cout<<"\n Invalid";

}

int main()

{

int acc\_no;

char name[100], acc\_type[100];

float balance;

cout<<"\n Enter Details: \n";

cout<<"-----------------------";

cout<<"\n Accout No. ";

cin>>acc\_no;

cout<<"\n Name : ";

cin>>name;

cout<<"\n Account Type : ";

cin>>acc\_type;

cout<<"\n Balance : ";

cin>>balance;

bank b1(acc\_no, name, acc\_type, balance); //object is created

b1.deposit(); //

b1.withdraw(); // calling member functions

b1.display(); //

return 0;

}