QUSETION NO 2:

In C++ programming, this is a keyword that refers to the current instance of the class. There can be 3 main usage of this keyword in C++. It can be used to pass current object as a parameter to another method. It can be used to refer current class instance variable.

#include<iostream>

using namespace std;

class abc

{

private:

int x;

public:

void output() {

cout << "Printing value of : a = " << x << endl;

}

void initalize(int x)

{

this->x = x;

}

};

int main()

{

abc n;

int a = 30;

n.initalize(a);

n.output();

return 0;

}

It is also used to return reference of the calling object.

abc& abc::func ()

{

**return** \***this**;

}

QUESTION NO 5:

#include <iostream>

using namespace std;

int series(int x) {

if ( (x != 0) || (x != 1) ) {

return x;

}

else {

return (series(x - 1) + series(x - 2));

}

}

int main() {

int x, i = 0;

cout << "Enter the number upto which series is to be calculated : ";

cin >> x;

cout << "The Fibonnaci Series is : ";

while (i < x) {

cout << " " << series(i);

i++;

}

return 0;

}

QUESTION 1:

//#include<iostream>

//#include<conio.h>

//#include<stdio.h>

//using namespace std;

//class Bank

//{

//public:

// char name[20];

// char account\_type[20];

// int account\_number;

// int balance;

// void assign()

// {

// cout << "Enter the name of account owner:";

// cin >> name;

// cout << "Enter type of Account :";

// cin >> account\_type;

// cout << "Enter account number:";

// cin >> account\_number;

// cout << "Enter balance to deposit:";

// cin >> balance;

// }

// void deposit()

// {

// int bal;

// cout << "\nEnter the amout to deposit:";

// cin >> bal;

// balance += bal;

// cout << "\nAmount deposited successfuly\nYour New Balance is :" << balance;

// }

// void balancecheck()

// {

// int bal;

// cout << "\nYour balance :" << balance << "\nEnter amount to withdraw:";

// cin >> bal;

// if (bal <= balance)

// {

// balance -= bal;

// cout << "\nRemaining Balance:" << balance;

// }

// else

// {

// exit(0);

// }

// }

// void display()

// {

// cout << "\nName :";

// cout << name;

// cout << "\nBalance :" << balance;

// cout << "\n Account number :" << account\_number;

// cout << "\n Account Type : " << account\_type;

// }

//};

//int main()

//{

// int i;

// Bank n;

// n.assign();

// cout << "\n1. Your Information\n2. Deposit\n3. Withdraw\n\nEnter your choice : \n";

// cin >> i;

// if (i == 1)

// {

// n.display();

// }

// else if (i == 2)

// {

// n.deposit();

// }

// else if (i == 3)

// {

// n.balancecheck();

// }

//}