**‘this’ Pointer in C++**

“this” is the keyword of c++ programming language. “this” keyword always represent to invoking object. The “**this”** pointer holds the address of current object, in simple words you can say that this [pointer](https://beginnersbook.com/2017/08/cpp-pointers/) points to the current object of the class.

Every object in C++ has access to its own address through an important pointer called this pointer. The this pointer is an implicit parameter to all member functions. Therefore, inside a member function, this may be used to refer to the invoking object.

Friend functions do not have a this pointer, because friends are not members of a class. Only member functions have a this pointer.

**Exam no 1**

#include<iostream.h>

#include<conio.h>

/\* exam no1. this pointer\*/

class Data

{

public: void show()

{

cout<<"\n The address of object of this class is=>"<<this;

}

};

void main()

{

Data d;

clrscr();

d.show();

getch();

}

Output

The address of object of this class is=>0X10000000