**//Pointer Demo**

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#include <iostream>

using namespace std;

int main()

{

//Declare two data variables

int a;

double b;

//Declare pointer variables

int \*pInt;

double \*pDouble;

//Assign the address of data variables to pointer variables

pInt = &a;

pDouble = &b;

//Assign data to data variable using pointers

\*pInt = 42;

\*pDouble = 3.14;

//Output data variables and their addresses

cout << a << " " << pInt << endl;

cout << b << " " << pDouble << endl;

//Output data variables and their addresses using

//pointer variables

cout << \*pInt << " " << pInt << endl;

cout << \*pDouble << " " << pDouble << endl;

return 0;

}

/\*Sample output

42 0012FF60

3.14 0012FF50

42 0012FF60

3.14 0012FF50

Press any key to continue . . .

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