#include<iostream>

using namespace std;

class countA

{

protected:

int count;

public:

countA():count(0)

{ }

countA(int c):count(c)

{ }

countA operator++()

{

return countA(++count);

}

int get()

{

return count;

}

};

class countB:public countA

{

public:

countB():countA(0)

{ }

countB(int c):countA(c)

{ }

countB operator--()

{

return countB(--count);

}

};

int main()

{

countB c1;

countB c2(100);

countB c3;

cout<<"\nThe value of c1 is=";

cout<<c1.get();

cout<<"\nThe value of c2 is=";

cout<<c2.get();

++c1;

++c1;

++c1;

cout<<"\nThe value of c1 after increment is=";

cout<<c1.get();

cout<<"\nThe value of c2 after increment is=";

cout<<c2.get();

--c2;

--c2;

cout<<"\nThe value of c1 is after decrement in drive class=";

cout<<c1.get();

cout<<"\nThe value of c2 is after decrement in drive class=";

cout<<c2.get();

c3 = --c2;

cout<<"\nThe value of c2 asining to c3 in drive class=";

cout<<c3.get();

getchar();

getchar();

return 0;

}