5)Write a program to overload ++ operator using friend functions

#include<iostream>

using namespace std;

class IncrementOperator

{ int value;

public:

IncrementOperator (){value=0;}

IncrementOperator(int v){value=v;}

friend void operator++(IncrementOperator &op);

friend void operator++(IncrementOperator &op,int);

void display()

{ cout<<endl<<value;}

};

void operator++(IncrementOperator &op){op.value++;}

void operator++(IncrementOperator &op,int x){op.value=op.value;}

int main()

{ IncrementOperator i1(2);

IncrementOperator i2(4);

cout<<"Value 1:";

i1.display();

cout<<"\nValue 2:";

i2.display();

++i1;

cout<<endl<<"modified value1:";

i1.display();

i2++;

cout<<"\nmodified value2:";

i2.display();

return 0;

}

OUTPUT:

