

Lets Code it ->
Void oPerator++C) {
humerator = numerator + Denominator; (N+D)
Sim Plify ();
JIM 1 1109 C)
irt main () {
Frontin fi (10,2);
++f;
f. Print(); "This Code Works fine"
7.11/10 CDS
Now, int $i=5$; Fraction $f_2 = ++f_1$;
$j=++i;$ $Print(f_i)$ Cout $<< i << i << j;$ $f_i \cdot Print();$
but this gives out Error —
60 37
fraction as well traction
- we one getting Error as our "++" operator is void type,
& Since this function is not Reduring anything How Con we
& SINCE THE SUNCTION OF HOLDEN HING SIGNATURY THOUGH SE
give its value to to.
N 4 O mbi in 1+ 1 Patru ?
-> Now the goestion is what to Return!
lets see — $i_{N}+i_{N}=5$ $N=1/2$ $N=1/2$
we see Restraing i'.
Return this j & it will keturn address 700
Return * this;
value of this -> f,

	Now our Code à -
	Fraction operator ++ () {
	no = nom - + Den - ;
	Simplify ();
	Return * this;
	}
	Int main () {
	Fraction f, (10,2); atlet :- 6/1
	Fraction fo = ++fi Works fine works fine
	f. Print();
	fa. Print();
	}
>	but, Still Some issues Lot See into this
	It we do ,
	int main () {
	Fraction of, (10,2);
	Fraction $f_2 = ++(++f_0)$;
	f. Print();
	fz. Print Oj
	}
	Explected outlot: 7/1 original outlot: 6/1
	7/1 7/1
	Lets See why so,
	7 -

	Now, when we Execute ++ (++fi)
	this '++' got called on "x"
	l'our 'x' become N=7
	0 = 1 x 800
	X (800)
	& then we call Return * this => *800 or value of 800
	i.e, from buffer we Return our
	out lot as (71)
	but still in our f, it is (6,1) as changes
	one in buffer only.
=> Nou	v, Lets Code Such , to avoid this
→	what we want is, System do not create Luffer' & Pass
	fr only for more changes
	i.e. Simple Solution we have to use Pass by Reference.
	so that buffer will ultimately Point our fin
	,
=)	final Code —
	Fraction & sperator++() {
	no = non + Den ;
	Simplify ();
	Return * this; outfut: - 7/1 " works fine"
	}