

D Assignment Operator: = += -=
$$4 = 1 = \%$$
 $a = 10$; // $a = 10$
 $a = 4$; $a = 10$

$$a + = 1$$
; $// + = Compand Assignment Operator$
 $a = a + C$;

 $a = 1 + C$;

eg:
$$\chi = 2$$
 means $\chi = \chi = 2$
 $\chi = 3$ means $\chi = \chi = 3$

$$Z^{6}/_{0}=7$$
 means $Z=Z^{6}/_{0}7$ m=q means m=m+q

Control Strats:

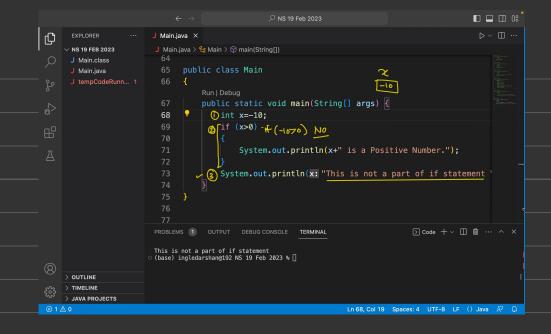
(maitional Stants: if , if -else, if -else if - else

```
if stant: Syntax: if (condition)

of this;

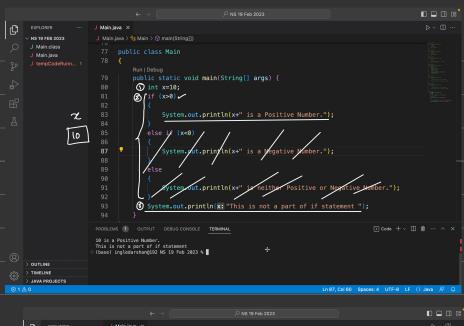
do this;
```

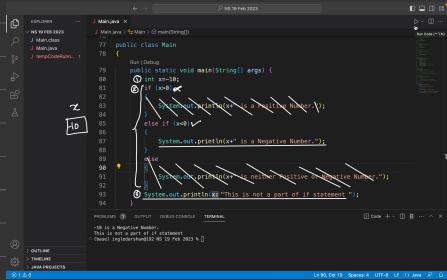
```
J Main.java •
      ∨ NS 19 FEB 2023
                                         Run | Debug
                                         public static void main(String[] args) {
                                         | int x=10;
                                          2[if (x>0) if (1070)
                                                  System.out.println(x+" is a Positive Number.");
                                             System.out.println(x: "This is not a part of if statement ");
                             PROBLEMS 1 OUTPUT DEBUG CONSOLE TERMINAL
                                                                                                                        > Code + ~ □ 前 ··· ^ ×
                            10is a Positive Number.
This is not a part of if statement
(base) ingledarshan@192 NS 19 Feb 2023 % [
      > OUTLINE
      > JAVA PROJECTS
⊗ 1 ∆ 0
                                                                                                         Ln 65, Col 1 Spaces: 4 UTF-8 LF () Java 🔊 🚨
```

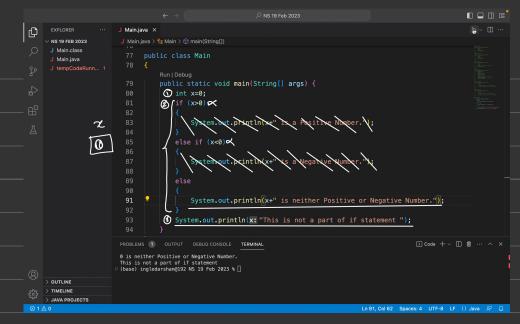


if -else stmrt!

Syntax: of (condul is True) ¿ dothis; dothis ; else if (condon 2 is true) dothis, dothis; elge







Progvam:

Nested if: Syntax:	
if (condition1 is True)	
\$	
dotn's /	
if (condition2 is True)	
dothis dothis	
J GOINIS!	
else	
do 14/3;	
7	
	X