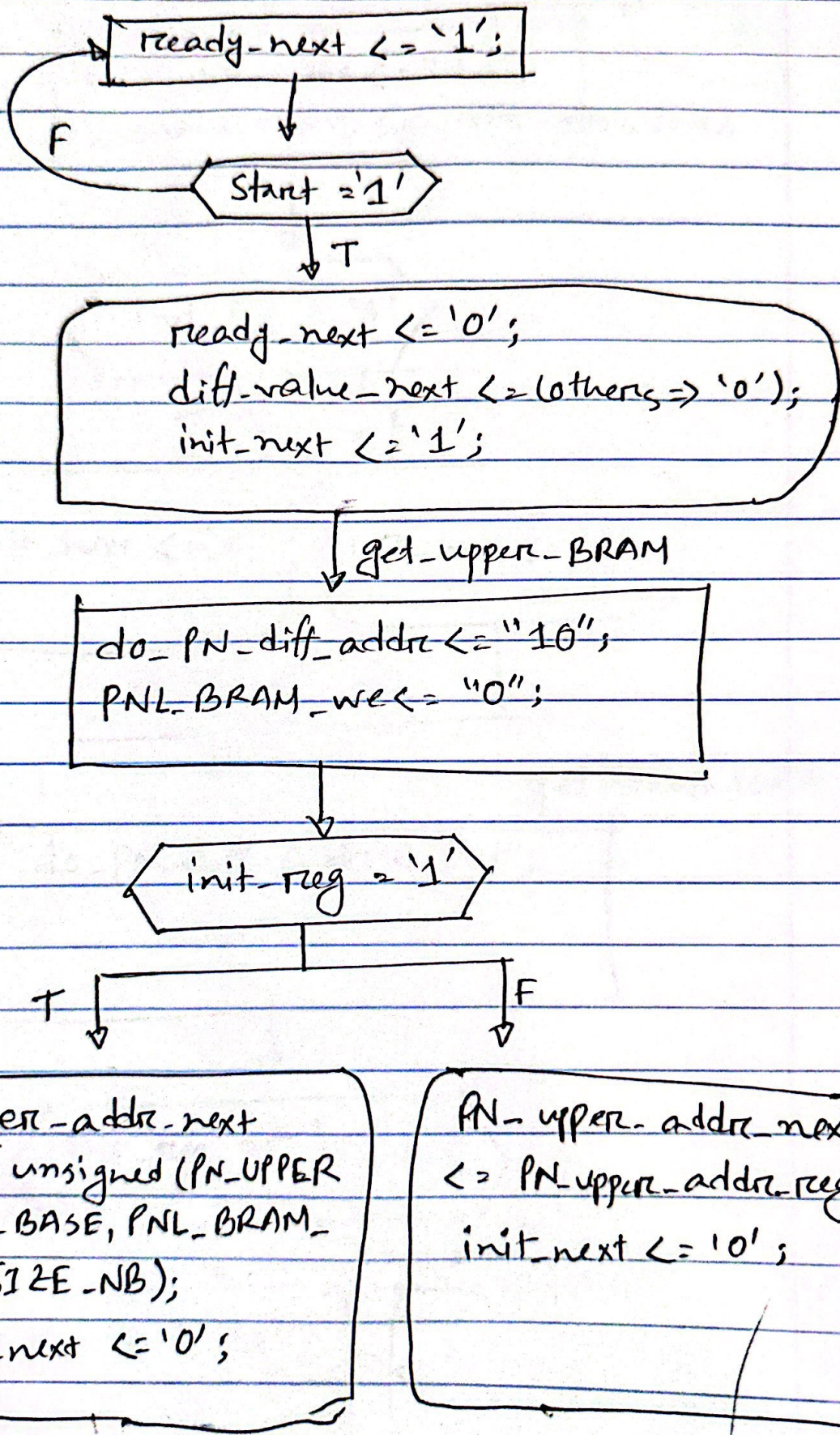
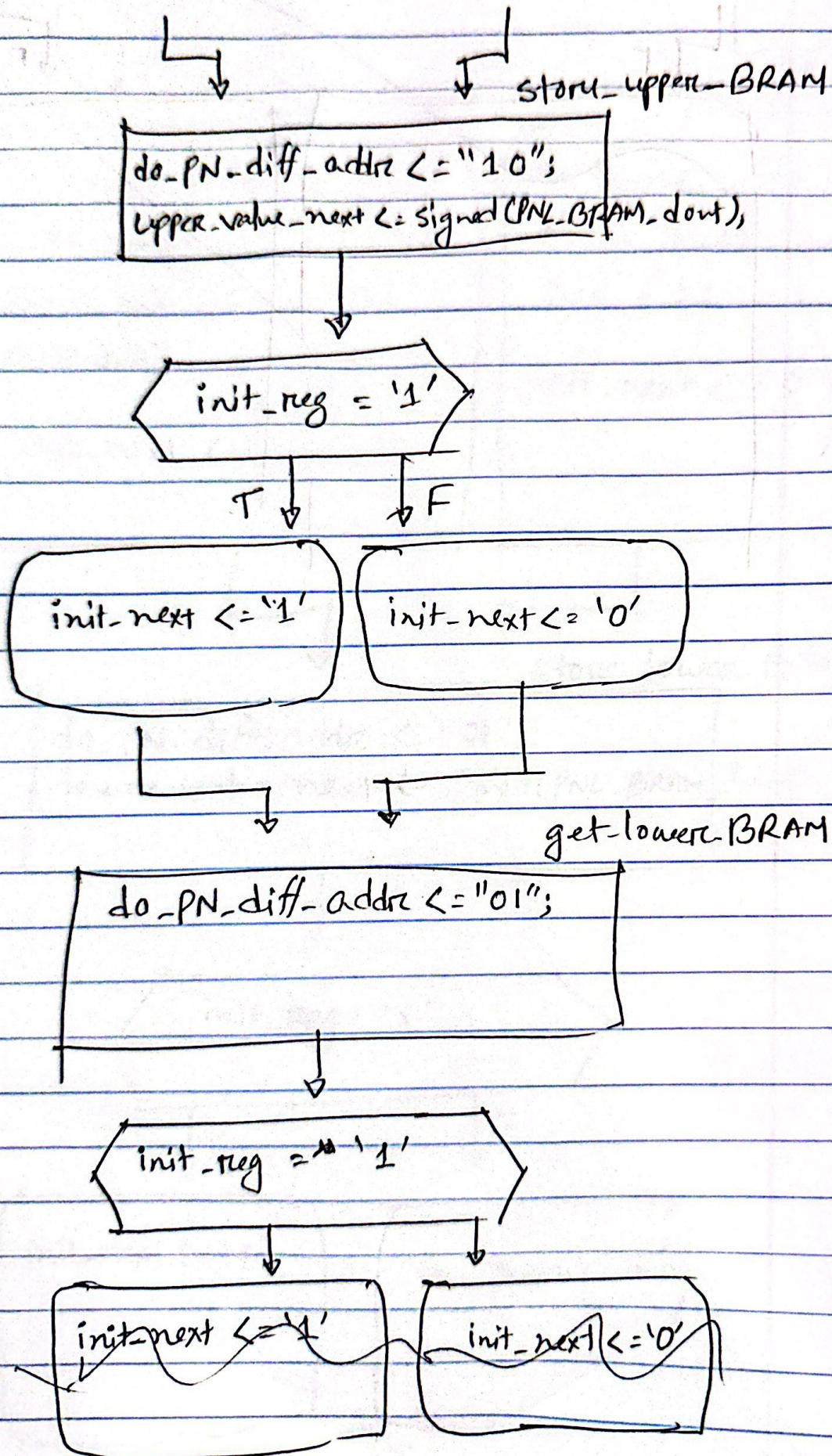
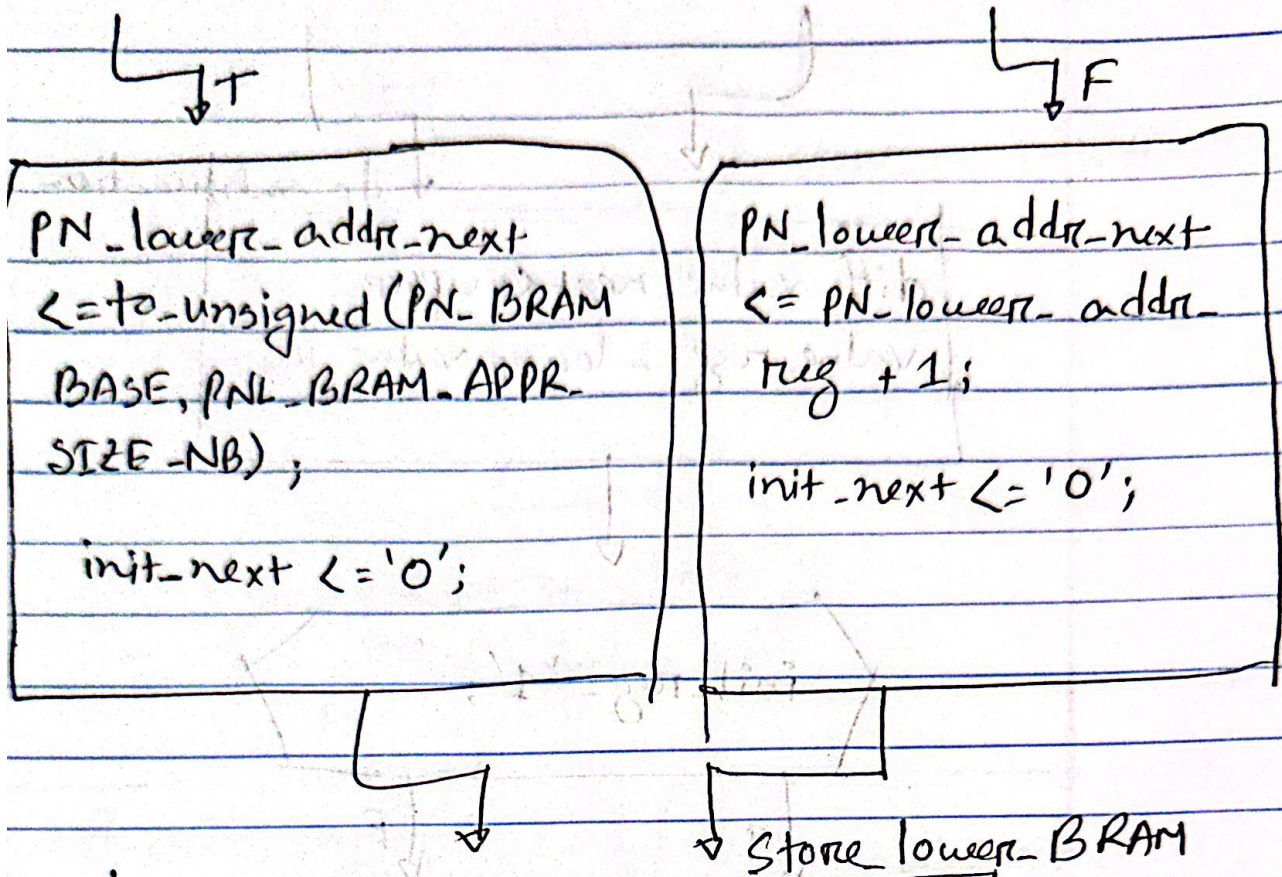


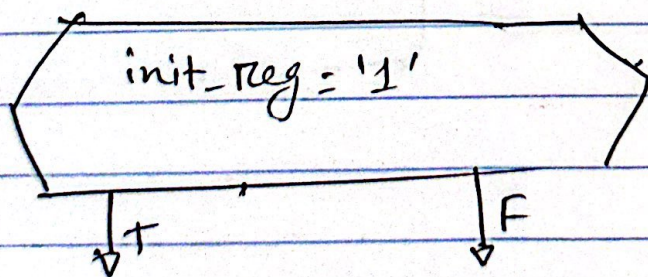
Idle





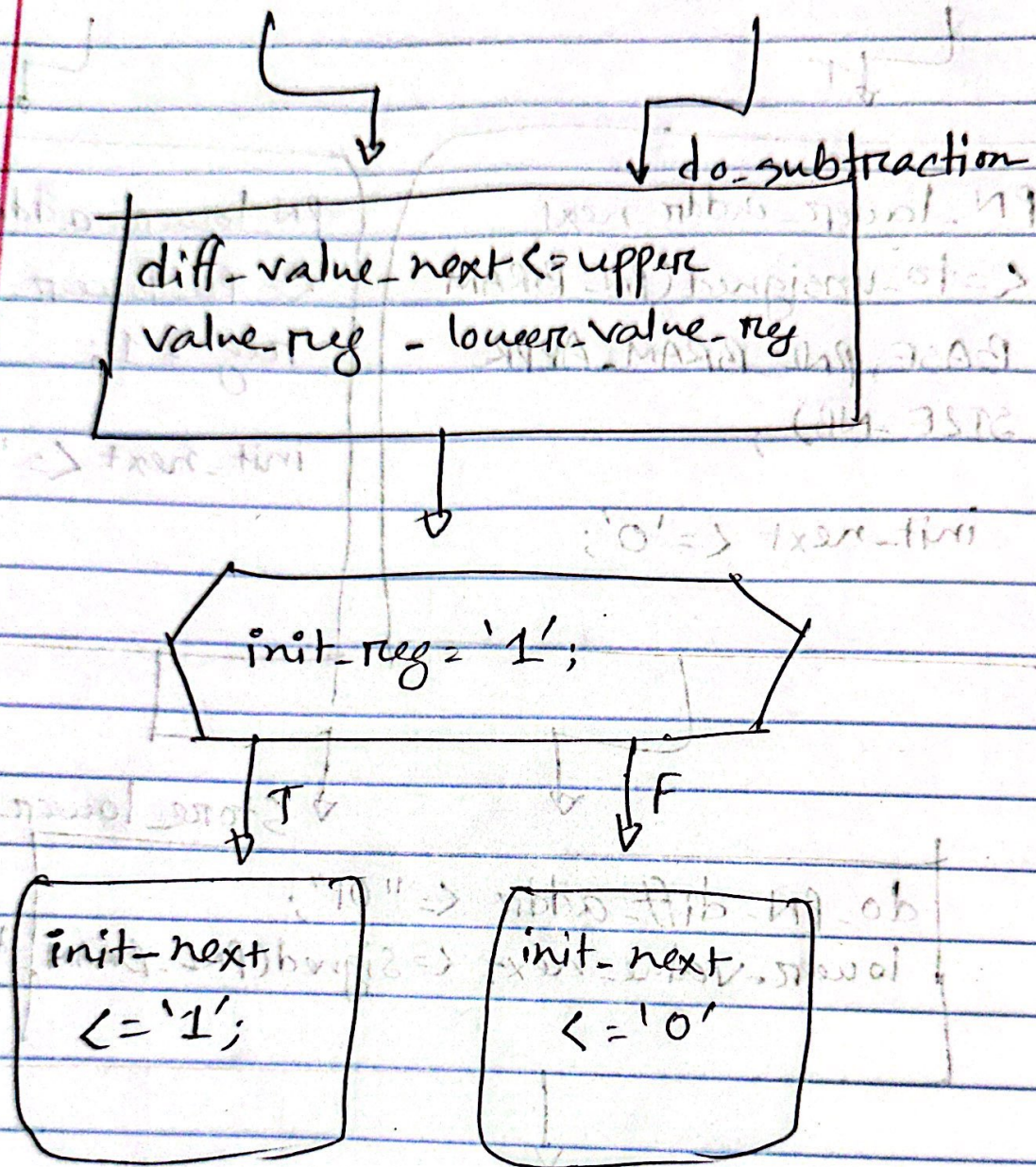


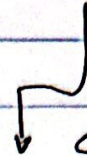
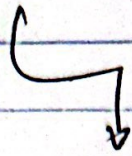
do_PN_diff_addr <= "01";
lower_value_next <= signed(PNL_BRAM dout);



init_next <= '1';

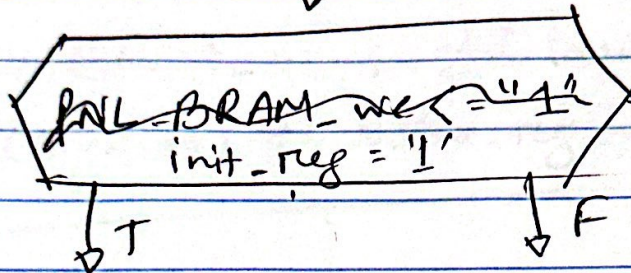
init_next <= '0';





store in PNDiff

```
do_PN_diff_addr <= "11";  
PNL_BRAM_we <= "1";
```



```
diff_addr_next <=  
to_unsigned(CDIFF_BRAM.  
BASE, PNL_BRAM_ADDR_2  
SIZE_NB);  
init_next <= '0';
```

```
diff_addr_next <=  
diff_addr_reg + 1;  
init_next <= '0'
```