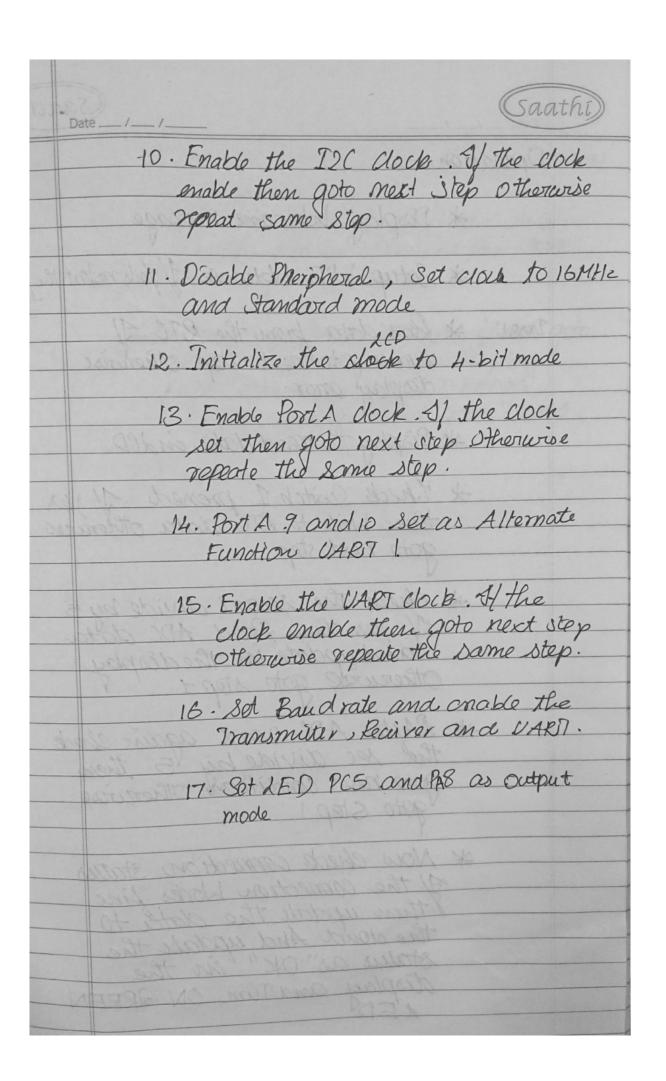
IOT Smart Weather Project :
Date V3.0. Saathi
Tritialization:
1. Enable clock for Port c. If the clock set goto next line otherwise repeal this step.
repeal this step.
2. Set Switch I and Switch as pull up and input mode
pull up and input mode
3. Initialization of the Systick.
4. Enable PCO as analog function for ADC.
5. Enable The ADC clock of the
5. Enable the ADC clock. If the clock set goto next line otherwise repeat this Step.
b. Art Con
enable the ADDA
6. Set Sequence, Sample rate and enable the ADON and EOCS bit for ADC.
Sel goto next line of the clock
7. Enable Porth clock, of the clock set goto next line otherwise repeat this step.
8. Set · mx+R
8. Set port B 6 and 7 as Allernal 9. Enable p. 1:
9. Enable is
for I2c Pull up and open drain
9. Enable pull up and open drain for I2c Communication.

Date_	Tot Smart Weather, Project:
-	ialization:
	1. Enable dock for Port c. 1/ +/20
	clock set goto next line otherwise
	1. Enable clock for Port c. of the clock set goto next line otherwise repeal this step.
	·
	2. Set Switch I and Switch as pull up and input mode
	pur up and input mode
	3. Initialization of the Systick.
	4. Enable PCO as analog function
	for ADC.
	clock but not not line offered
	5. Enable the ADC clock. If the clock set got next line otherwo repeat this Step.
	6. Sot Sequence, Sample rate and enable the ADON and EOCS
	enable the ADON and EOCS
	bit for ADC.
	7. Enable Porth clock Al the cloc
	Set goto next line otherwise
	7. Enable PortB clock, of the clock set goto next line otherwise repeat this step.
	8. Set Port B 6 and 7 as Allern
	8. Set port B 6 and 7 as Allern function for I2C.
1	9. Enable pull up and open der for IZC Communication.
	Jorda Communication.



	Cantha
	Date_/_/_
dock	Operation:
3654	enote the poin mark stip orthog
	* Display klelcome message
16/12/	* Setup WiFi Networe of fails restart the pro-
	Took!: * Read dota from the RTC. If success goto next step otherwise display error.
	success goto next step otherwise
	display error.
3	* Display the read data in 2CD.
	* Theck Switch 1 pressed . 1/1/2
à	then Write to RTC data otherwise
	then Write to RTC data otherwise goto next step.
25.5	* Check the second divide by 5
1	of yes there Dead ADC data and update in the display otherwise goto step 1.
	otherwise goto ston 1
\	* RAJter ADC read again check the sec divide by 5 then
9	goto next email and out
	goto next condition otherwise
	* Now check connection status
	A the connection works live
	Then update the data to
	Then update the date to the down. And update the status as" OX" in the
	displant and The
	display and Turn ON GREEN

