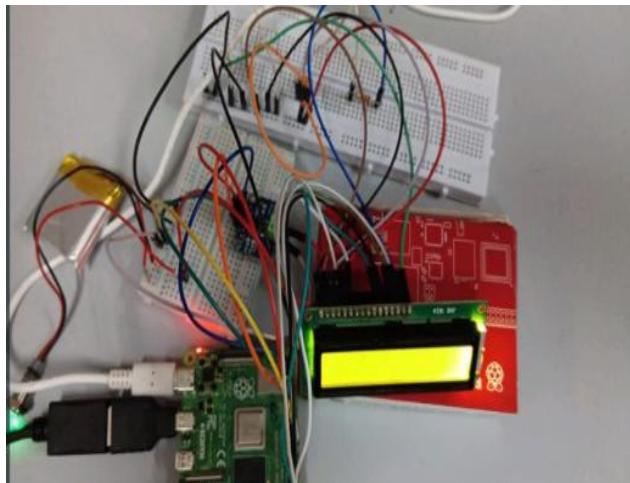
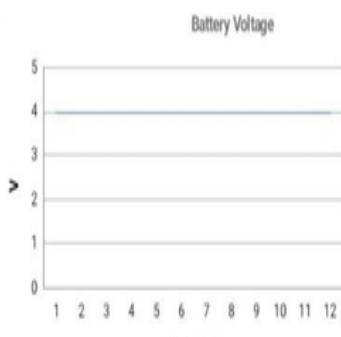


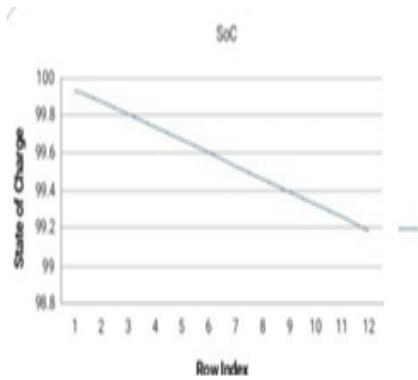
WORKED OUTPUT



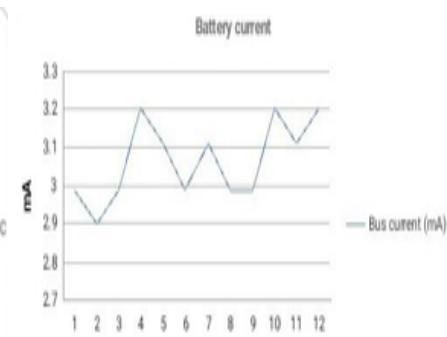
	A Bus Voltage (V)	B Bus current (mA)	C Power (mW)	D Shunt Voltage (mV)	E SoC
1	3.972	2.987804878	12.19512195	0.3	99.93360434
2	3.972	2.896341463	12.80487805	0.3	99.86924119
3	3.972	2.987804878	12.19512195	0.31	99.80284553
4	3.972	3.201219512	12.80487805	0.3	99.73170732
5	3.972	3.109756098	12.19512195	0.3	99.66260163
6	3.972	2.987804878	12.19512195	0.3	99.59620596
7	3.972	2.987804878	12.19512195	0.3	99.52710027
8	3.972	3.109756098	12.80487805	0.31	99.46070461
9	3.972	2.987804878	12.19512195	0.31	99.39430894
10	3.972	2.987804878	12.19512195	0.3	99.32317073
11	3.972	3.201219512	12.19512195	0.29	99.25406504
12	3.972	3.109756098	12.19512195	0.3	99.18292683
13	3.972	3.201219512	12.80487805	0.3	
14					



Graph of Voltage



Graph of SoC



Graph of Current