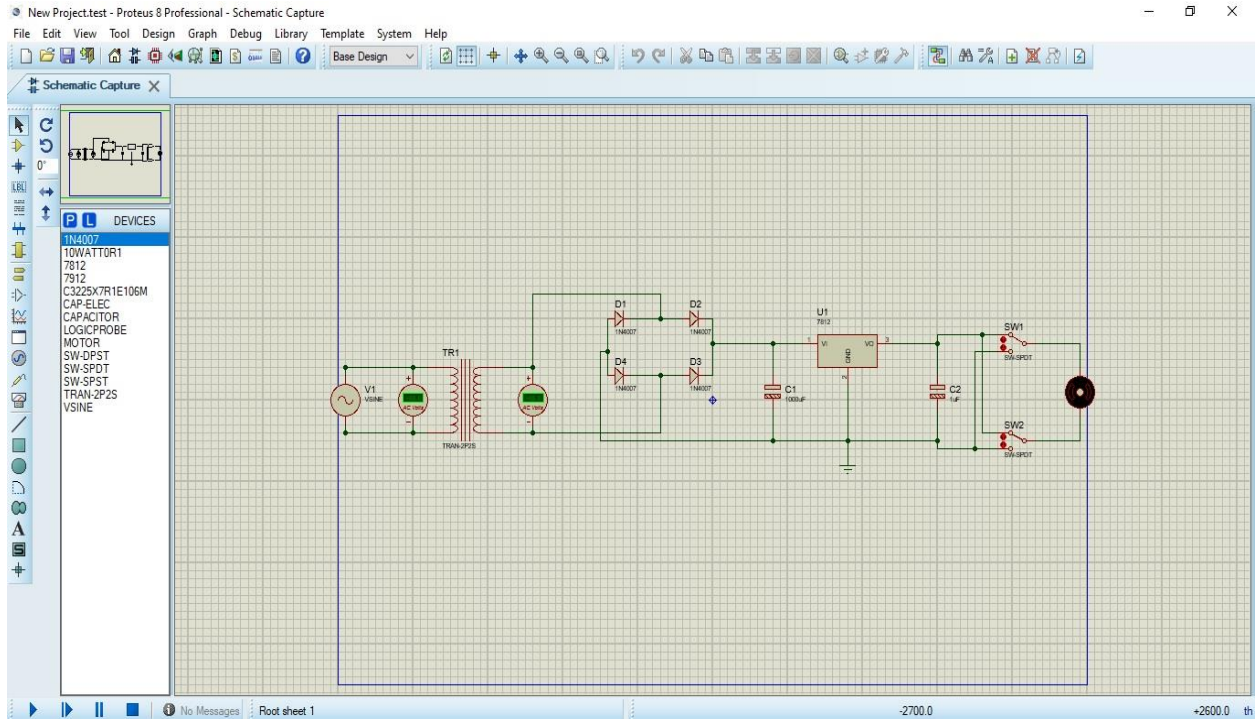
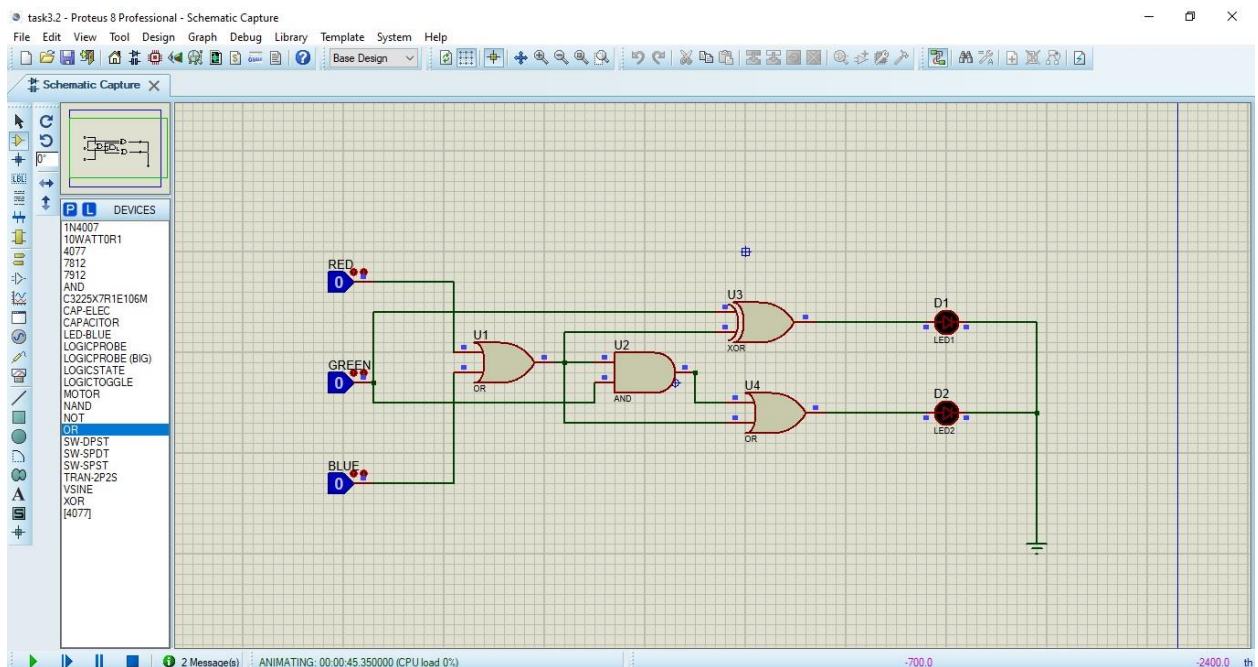


Task 3

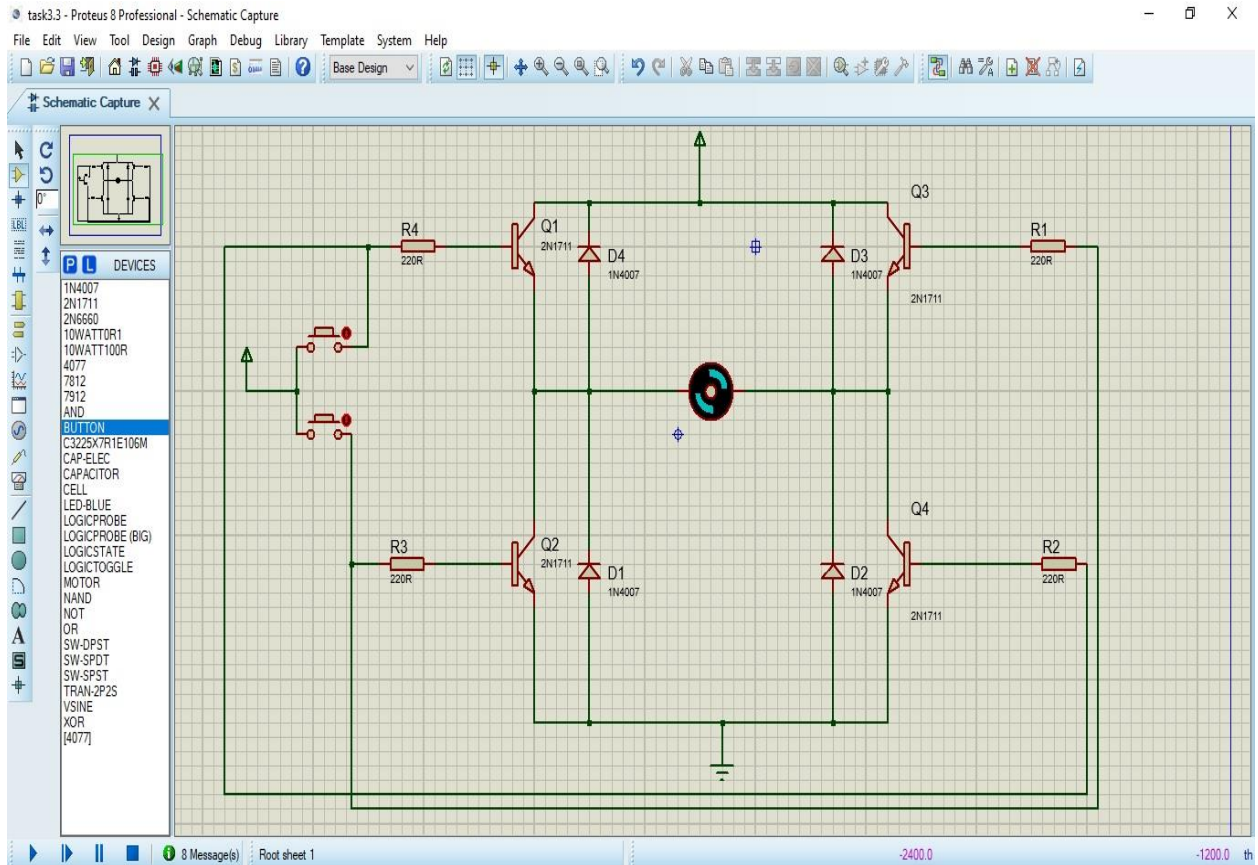
Task 3.1:



Task 3.2:



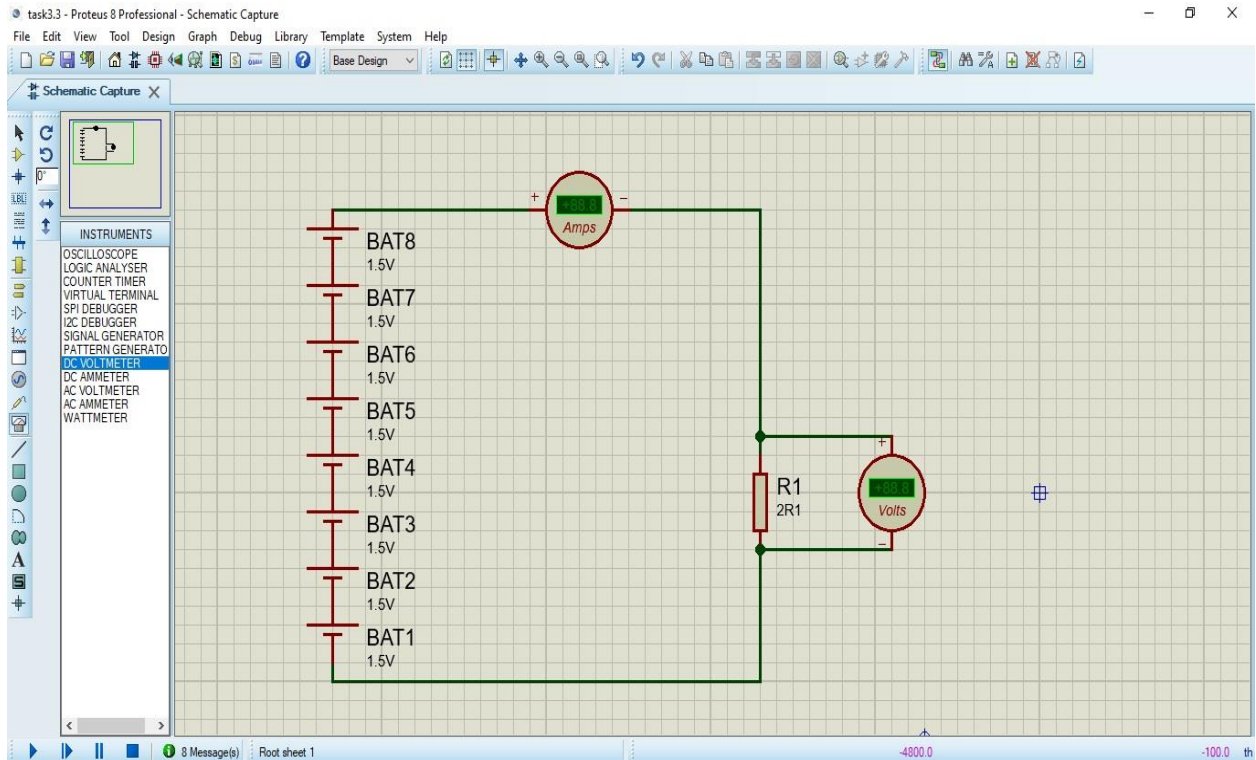
Task 3.3:



Q1:Bipolar Junction Transistors can act as switches.

Q2:No

Task 3.4:



Alkaline and carbon zinc batteries

Mercury batteries

Silver oxide batteries

Nominal voltage: 1.5 volts

Energy density: 1200 J/cm³