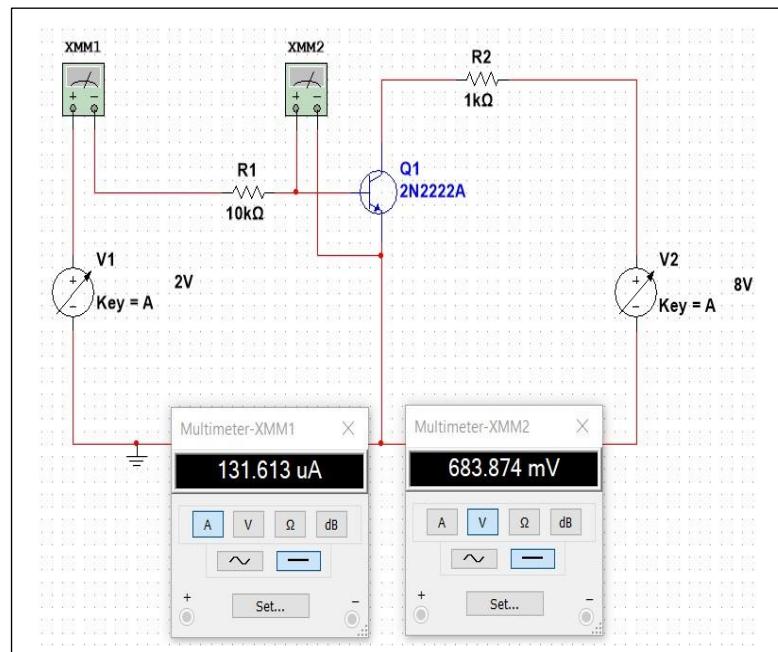
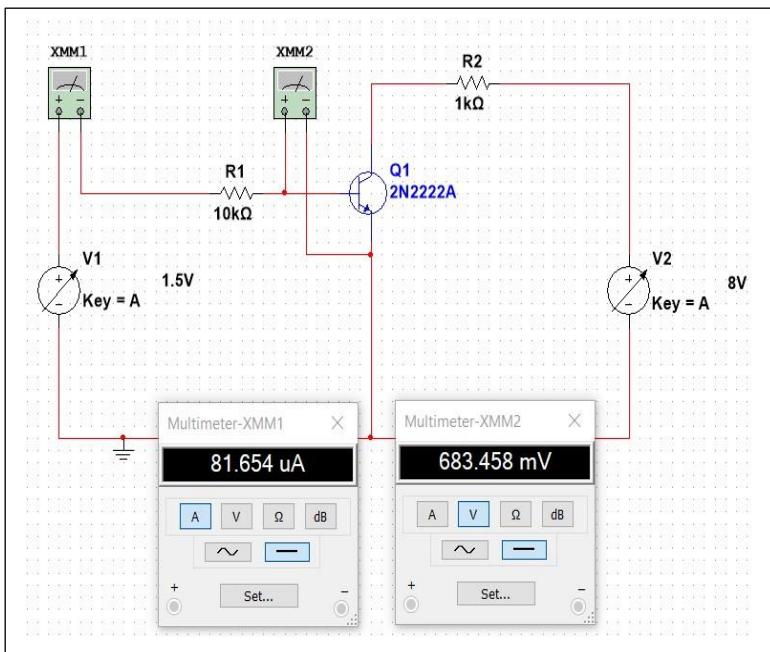
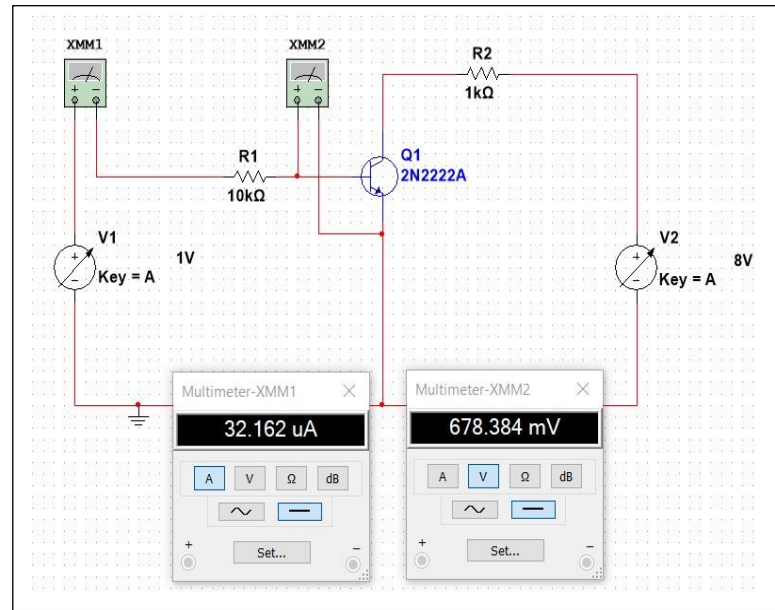
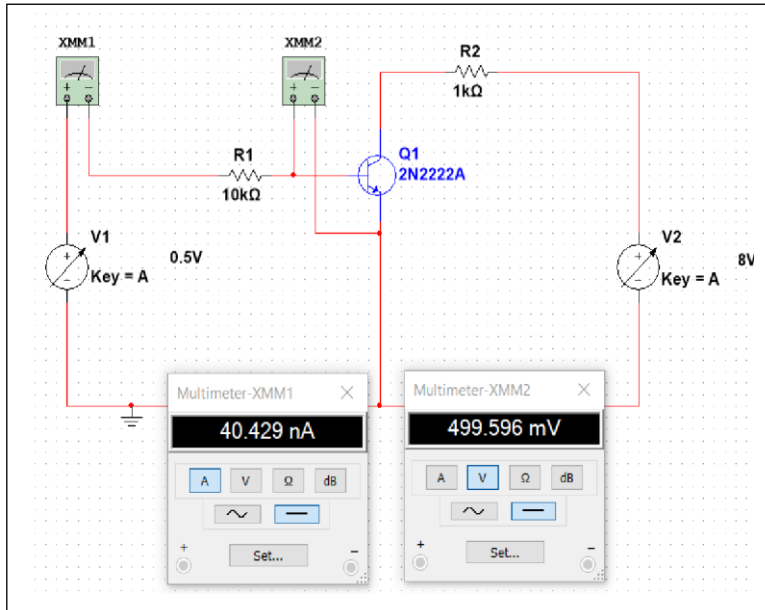
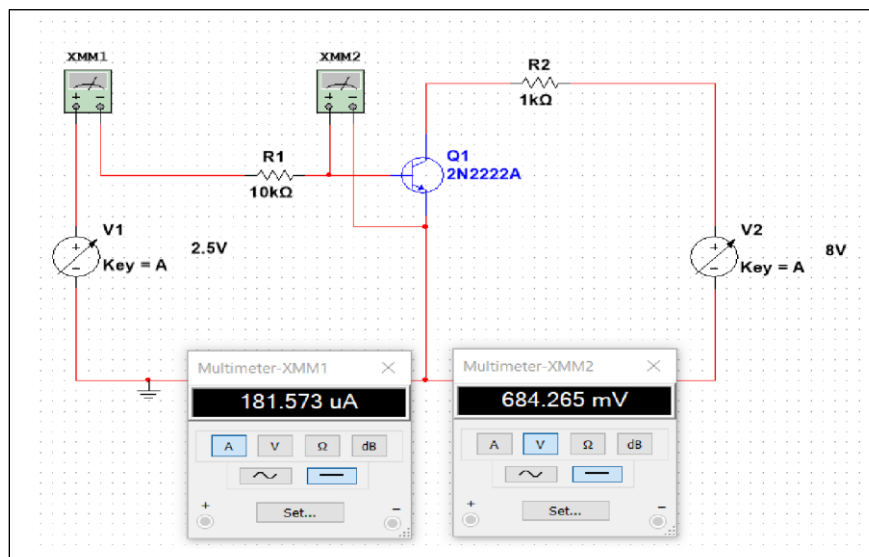


Simulation and Measurement

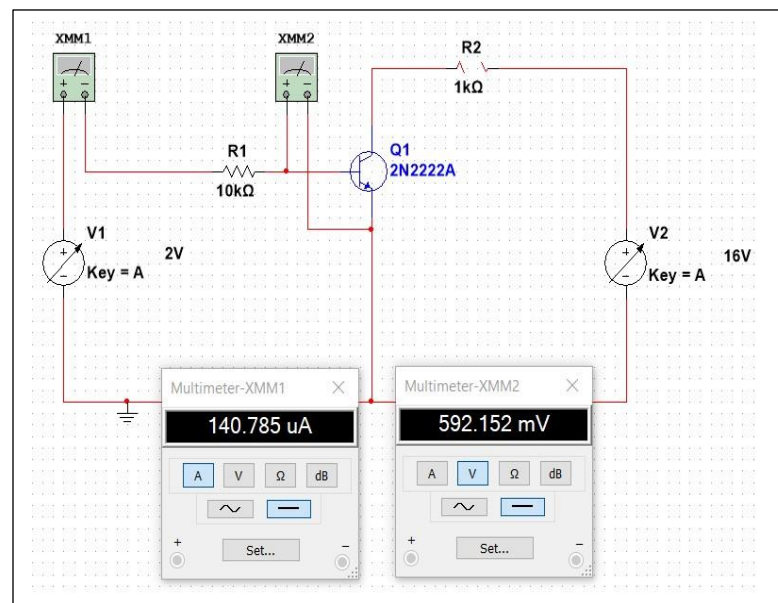
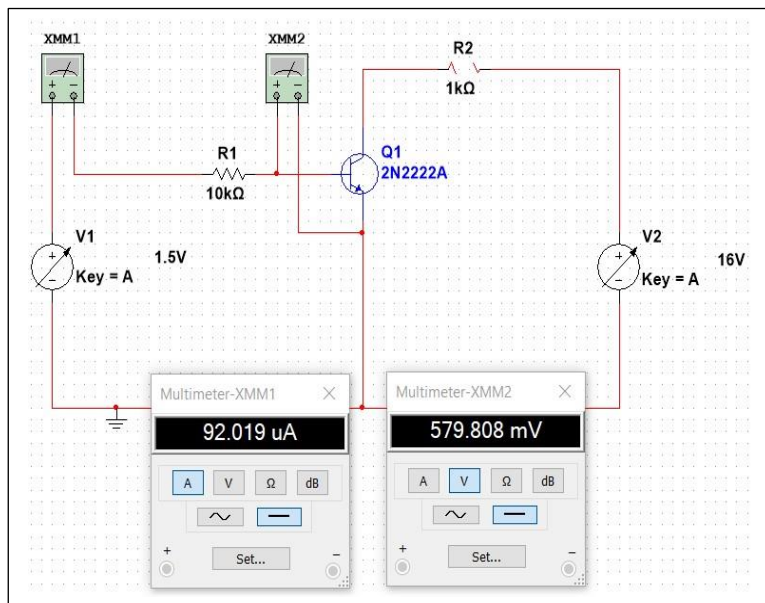
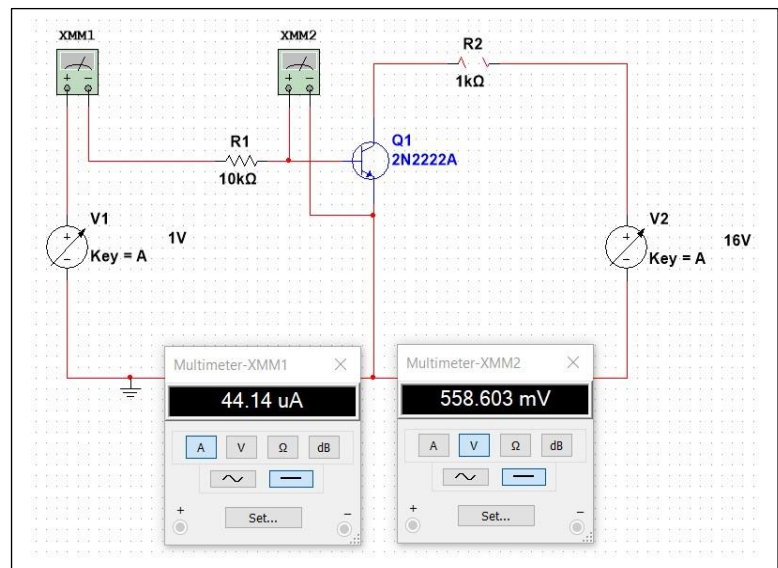
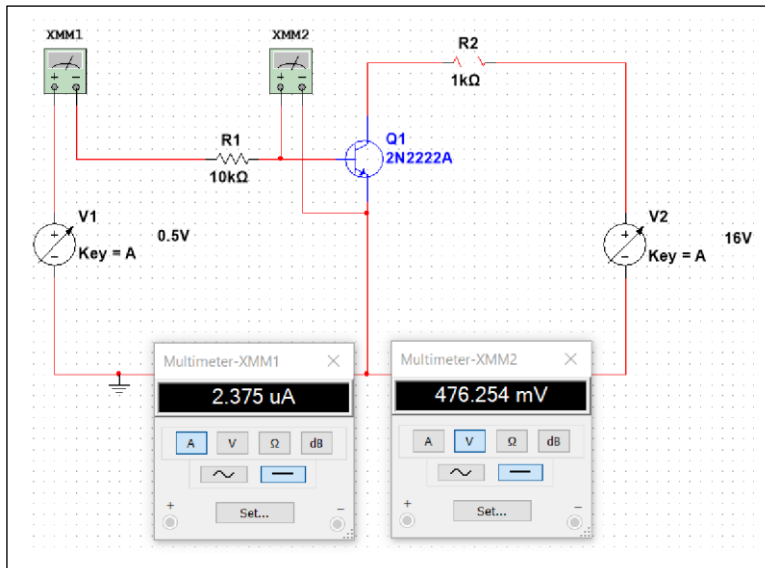
Input Characteristics

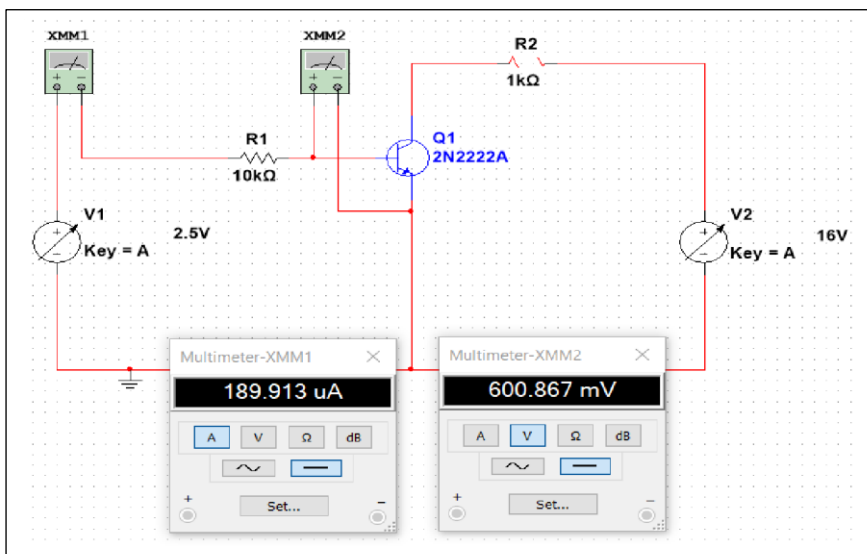
For $V_{cc} = 8V$





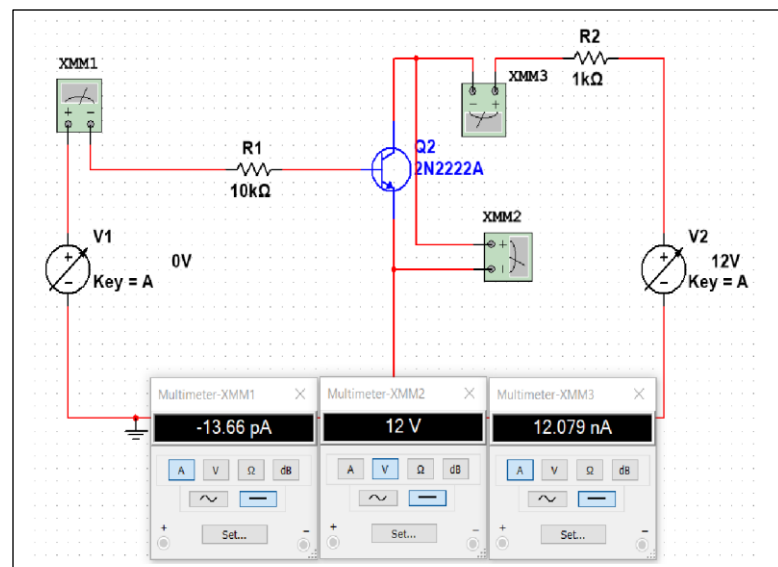
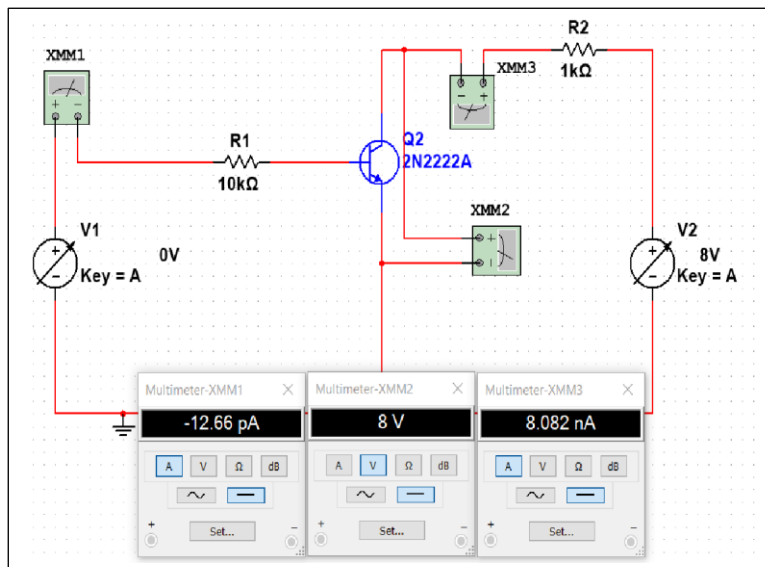
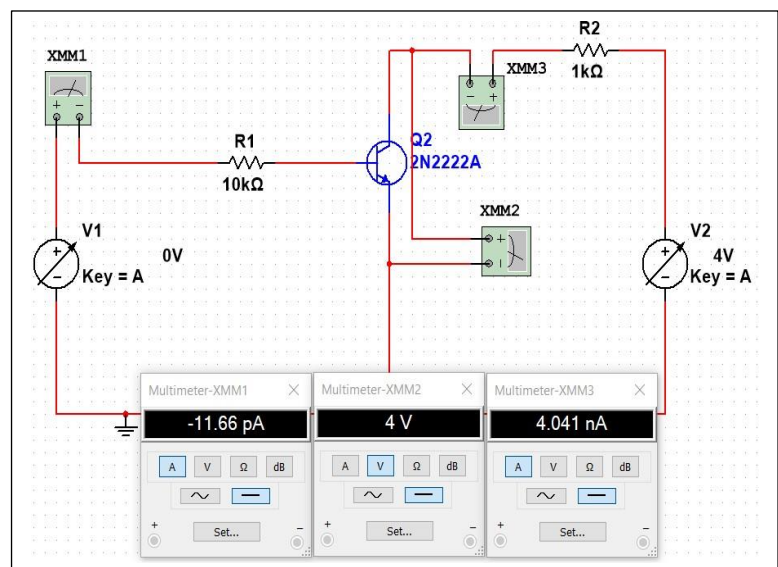
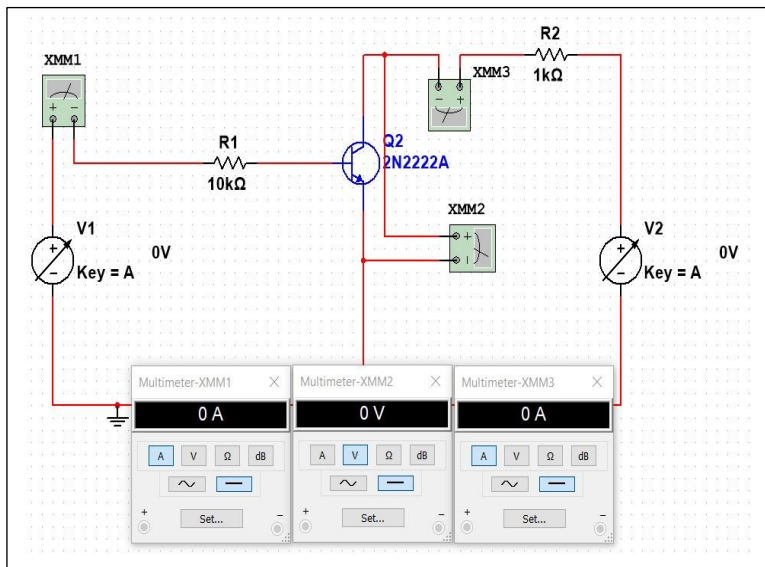
For $V_{cc} = 16V$

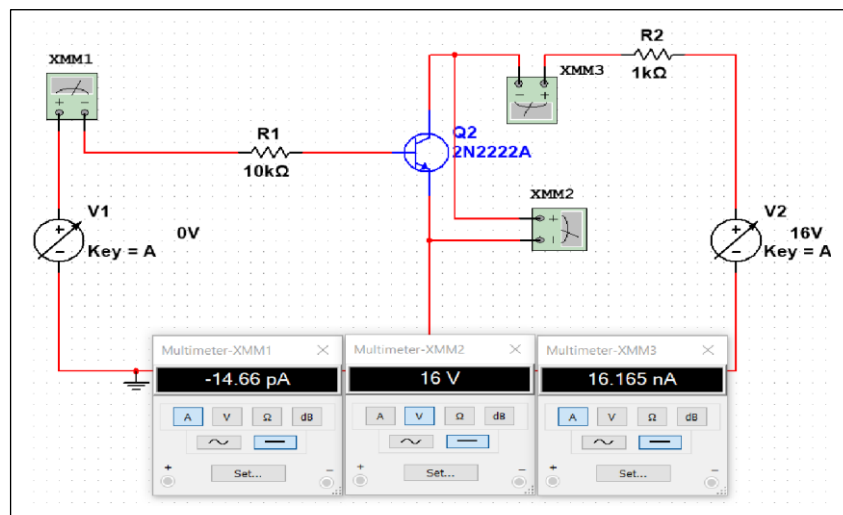




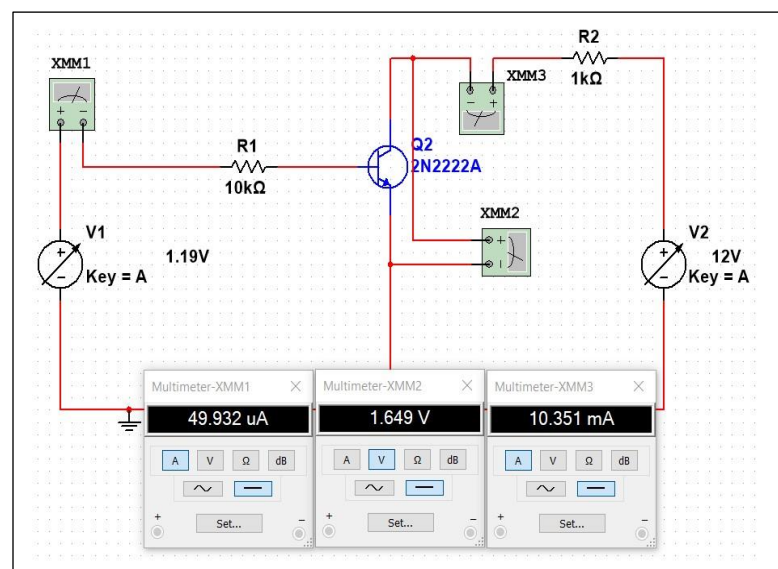
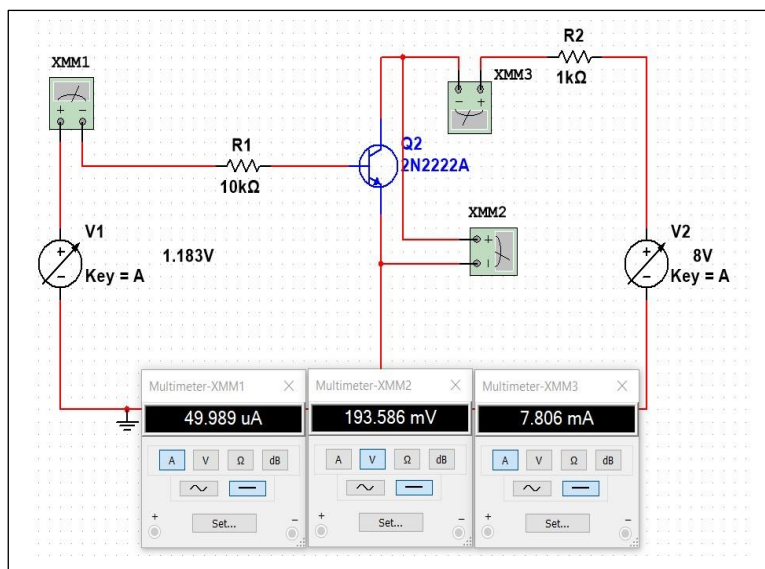
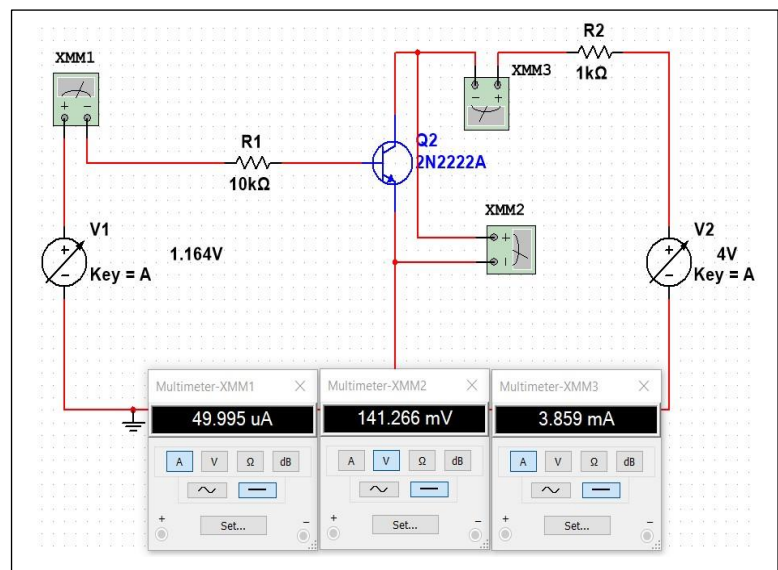
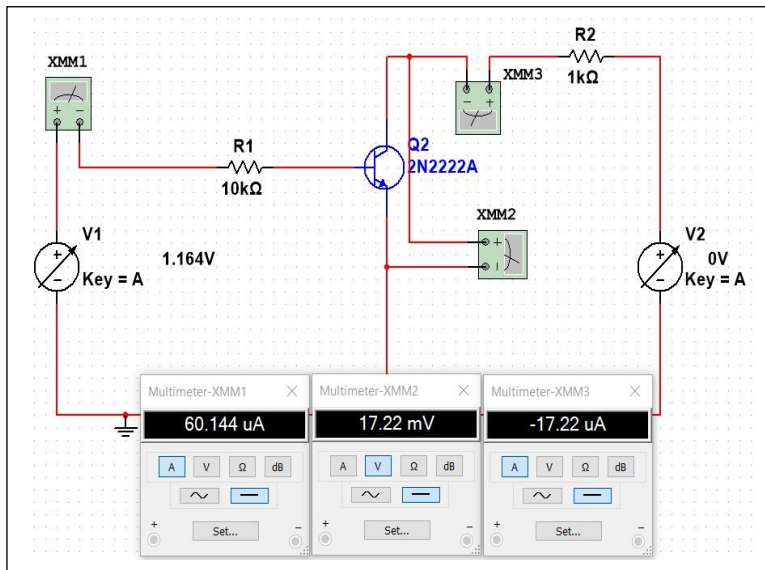
Output Characteristics

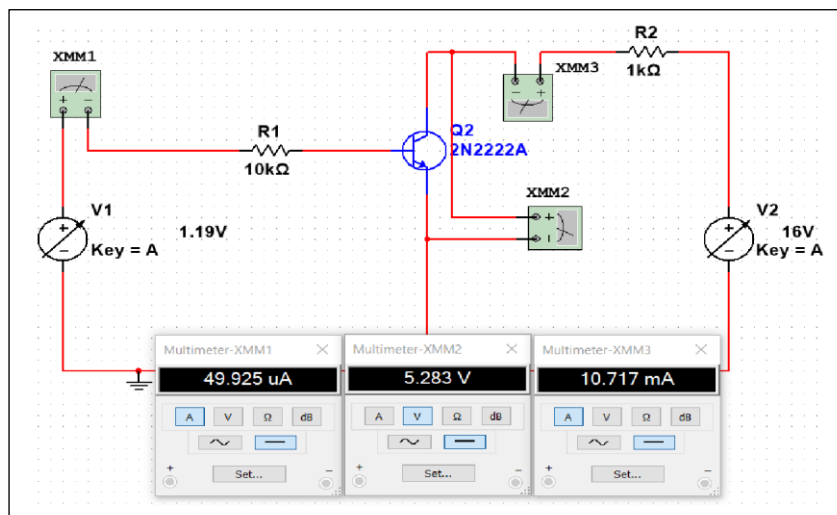
For $I_B = 0\text{ }\mu\text{A}$



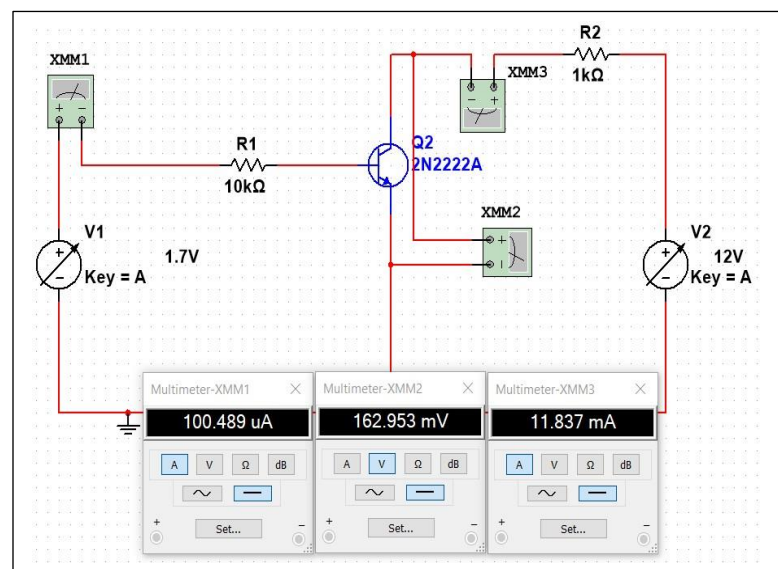
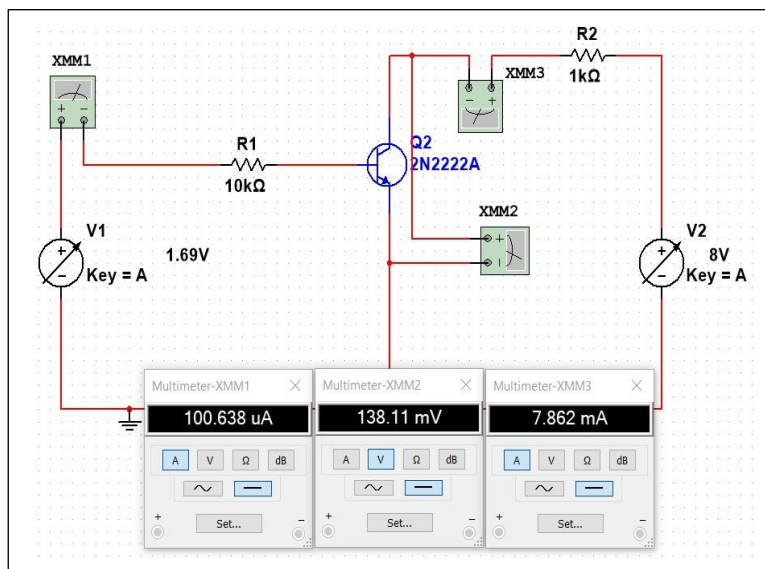
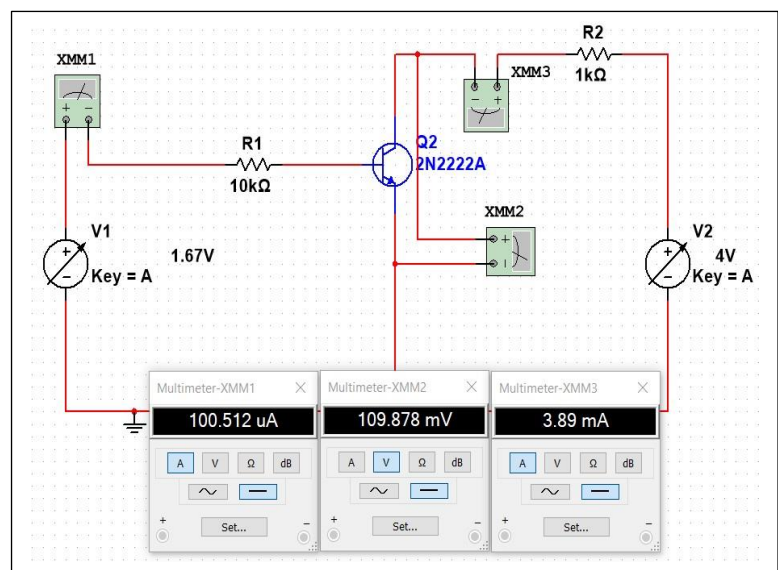
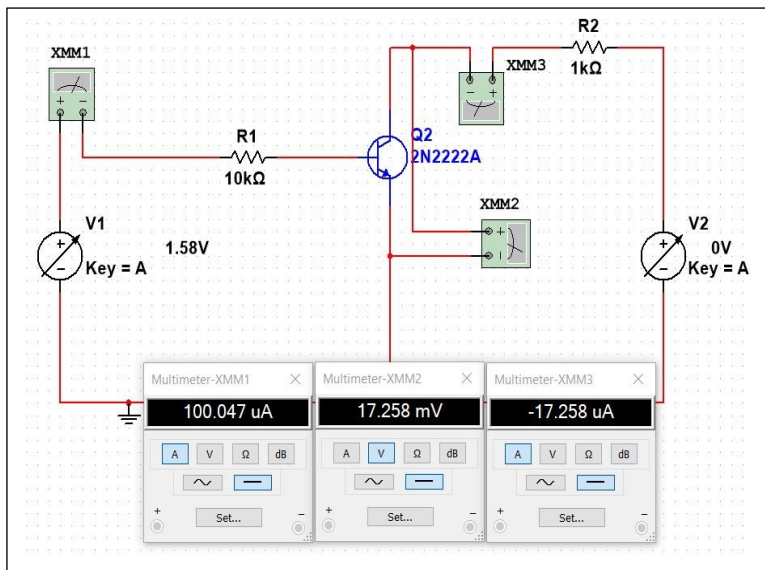


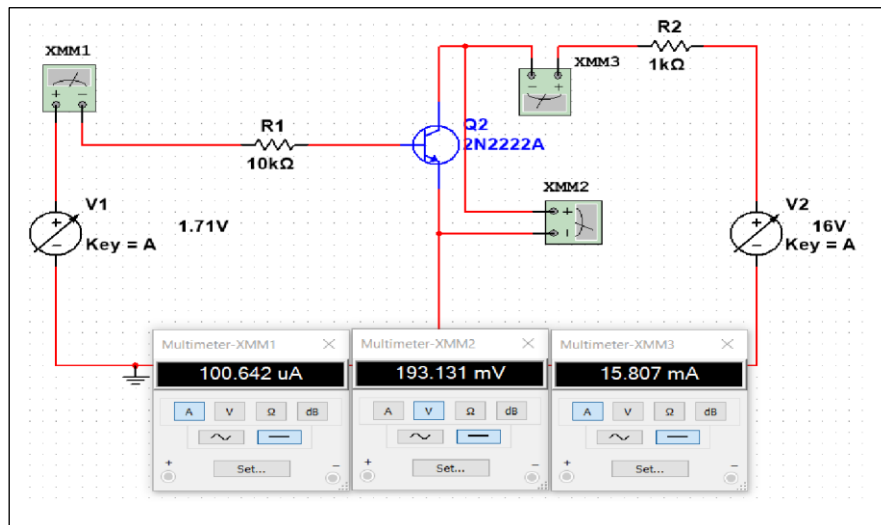
For $I_B = 50 \mu A$



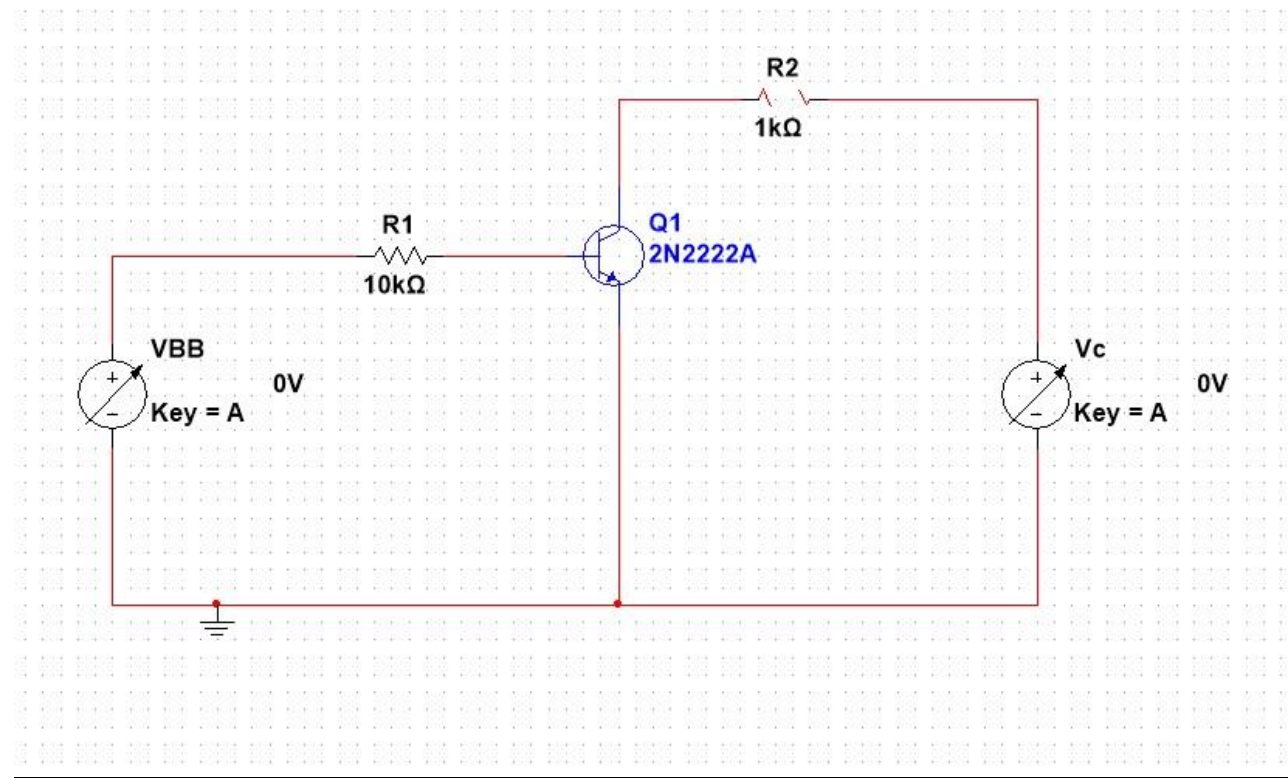


For $I_B = 100 \mu\text{A}$



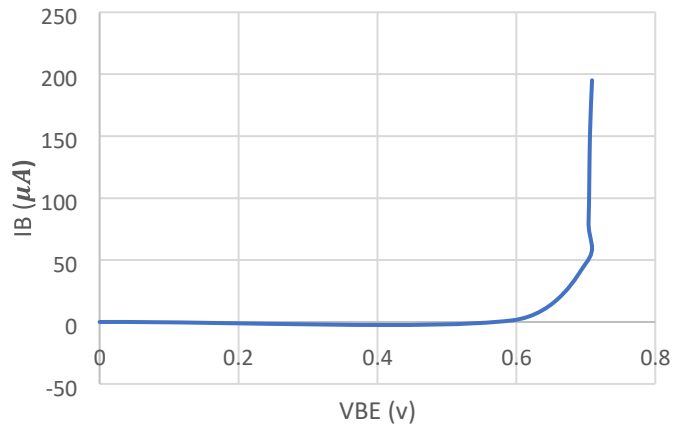


Circuit Diagram:

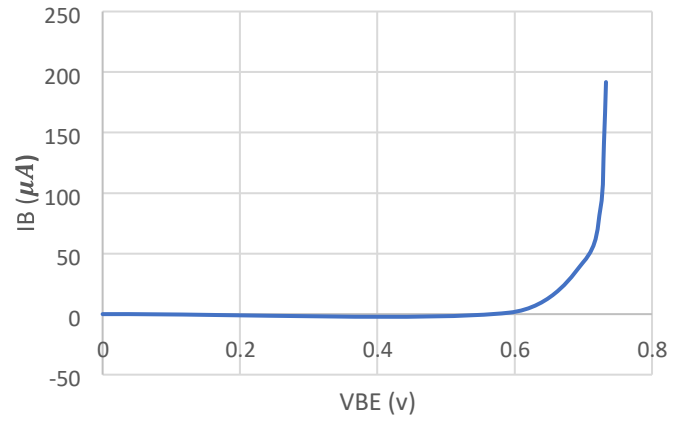


Input Characteristics

Input Characteristics
VCC = 8V



Input Characteristics
VCC = 16V



Output Characteristic

Output Characteristic
IB = 50 μA

