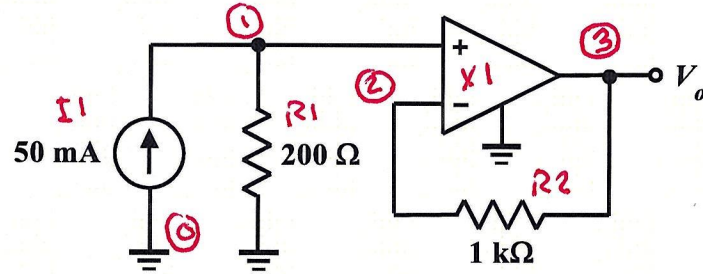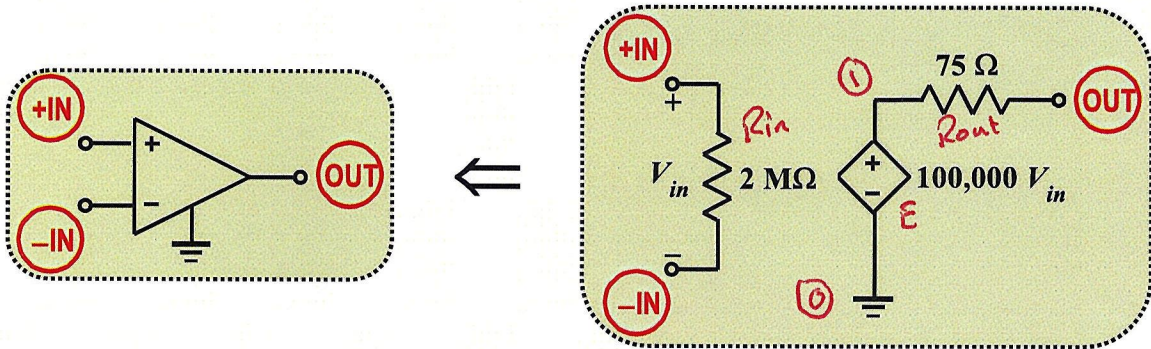Use LTspice to determine the value of V_o.

Use the model shown below for the OpAmp.

Submit a printed copy of your netlist and a printed copy of your output. Highlight the required result.

EE2240 Fall 2021 Homework Problem #062.cir

```
I1      0      1      DC      50m
R1      1      0      200
X1      1      2      3       opamp
R2      2      3      1k
.subckt opamp +IN -IN OUT
Rin     +IN    -IN    2Meg
E       1      0      +IN     -IN     100k
Rout    1      OUT    75
.ends opamp
.op
.end
```

```
        --- Operating Point ---

V(1):              10              voltage
V(2):              9.9999          voltage
V(3):              9.9999          voltage      ←——  Vo
I(I1):             0.05            device_current
I(R2):             4.98407e-011    device_current
I(R1):             0.05            device_current
Ix(1:+IN):         4.99995e-011    subckt_current
Ix(1:-IN):         -4.99995e-011   subckt_current
Ix(1:OUT):         4.98407e-011    subckt_current
```