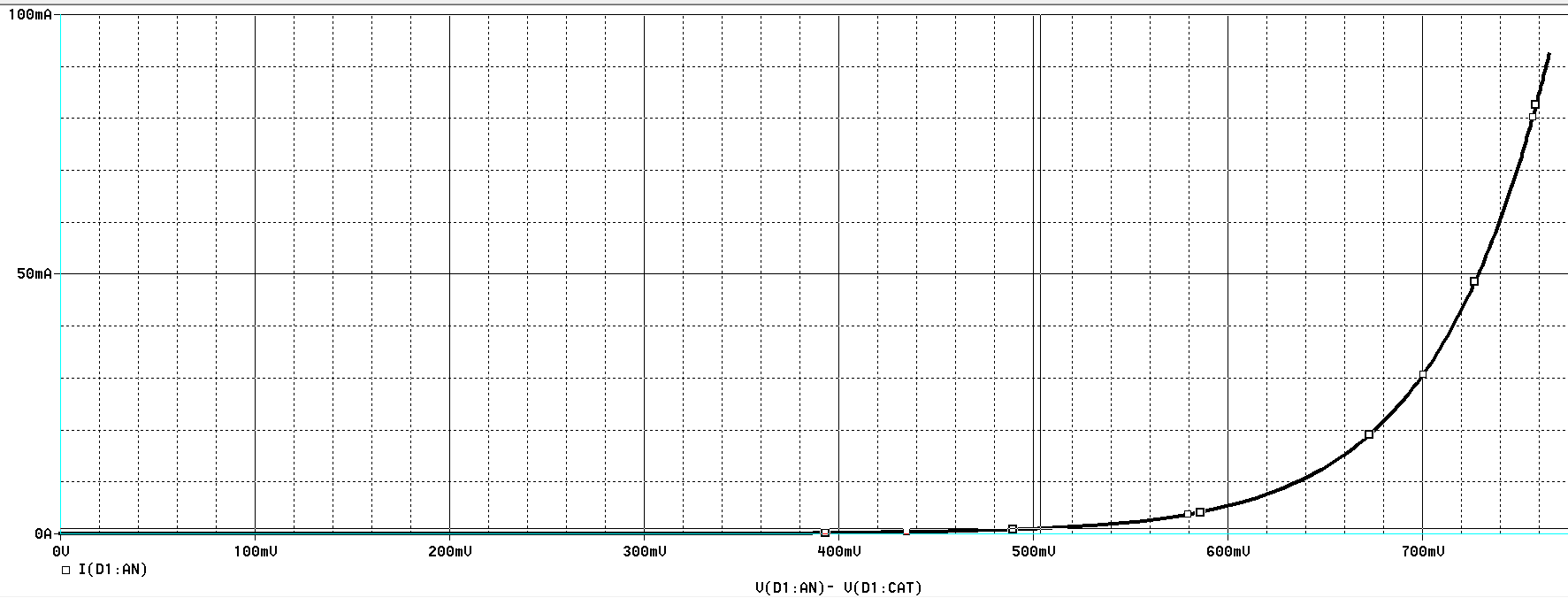
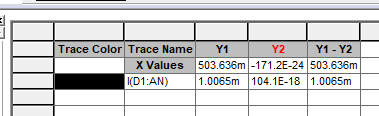
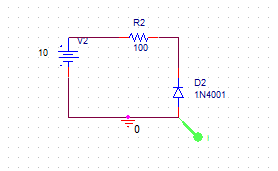
Task 2:

1. Forward biased silicon diode:





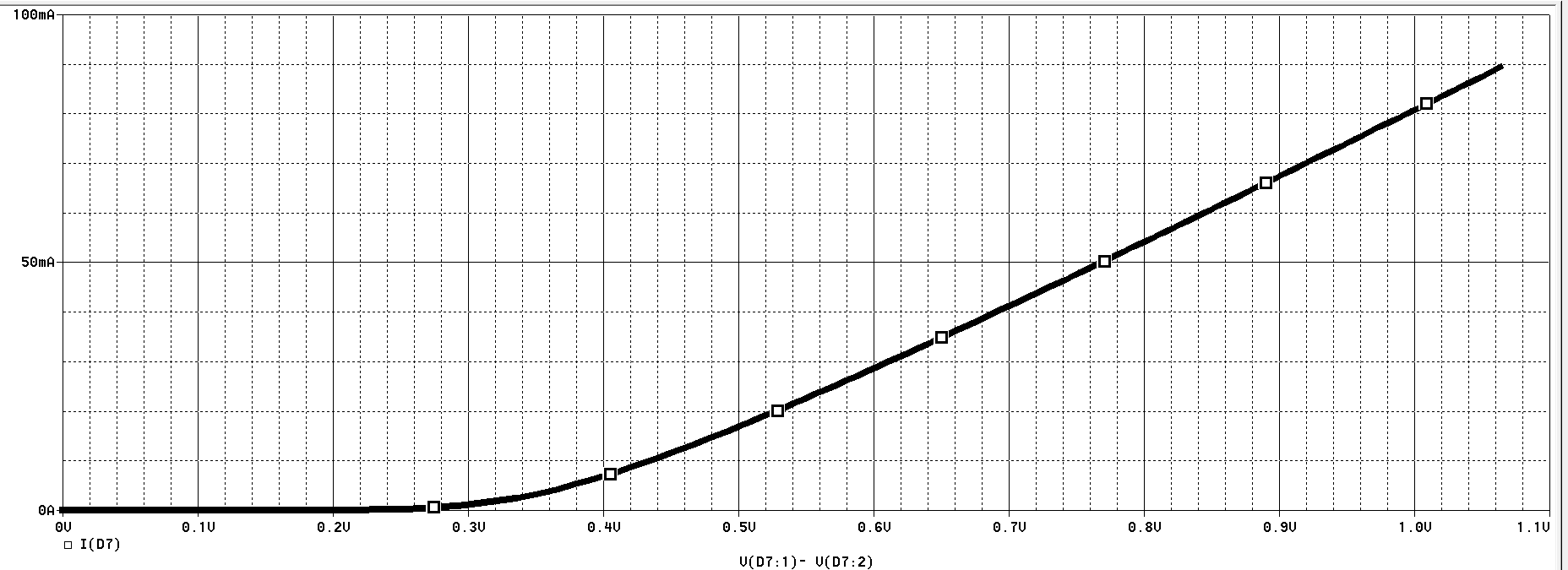
1. reverse biased silicon diode:

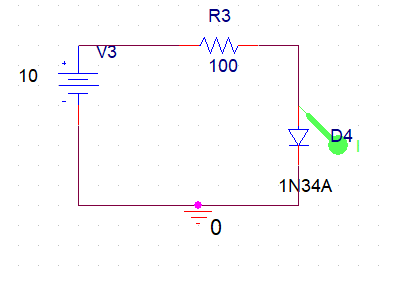




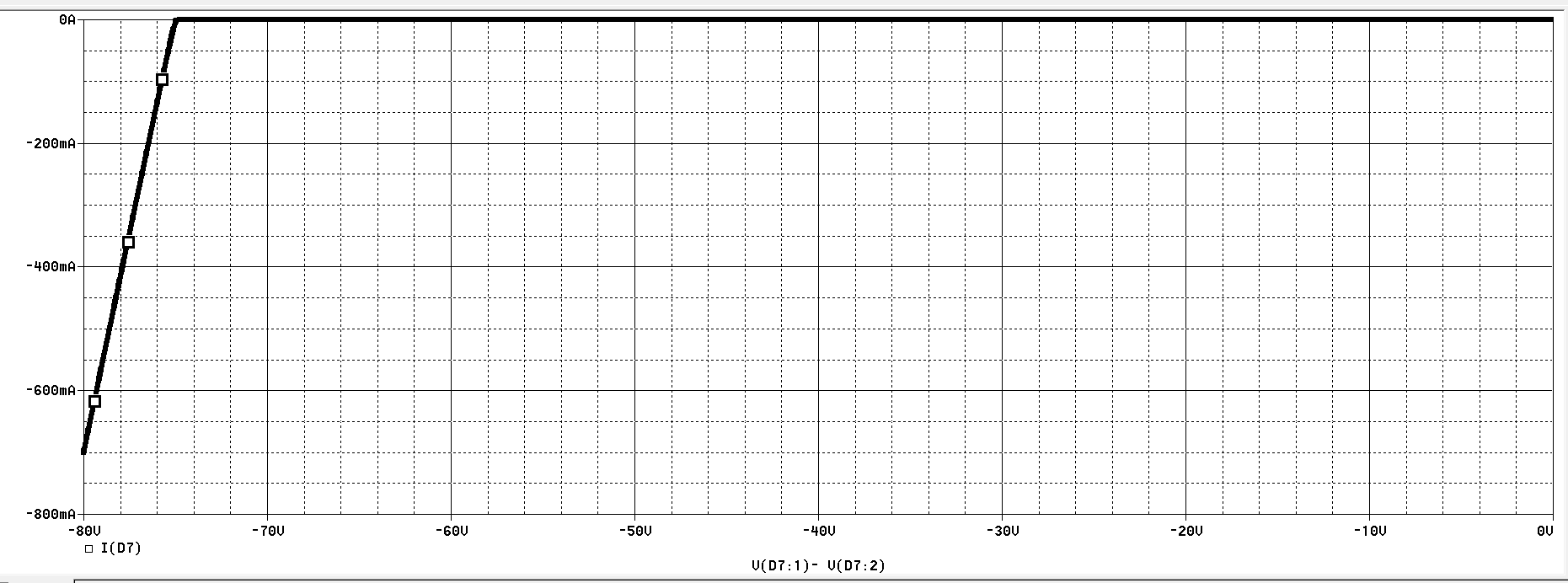
Task 3

1. forward biased germanium diode:

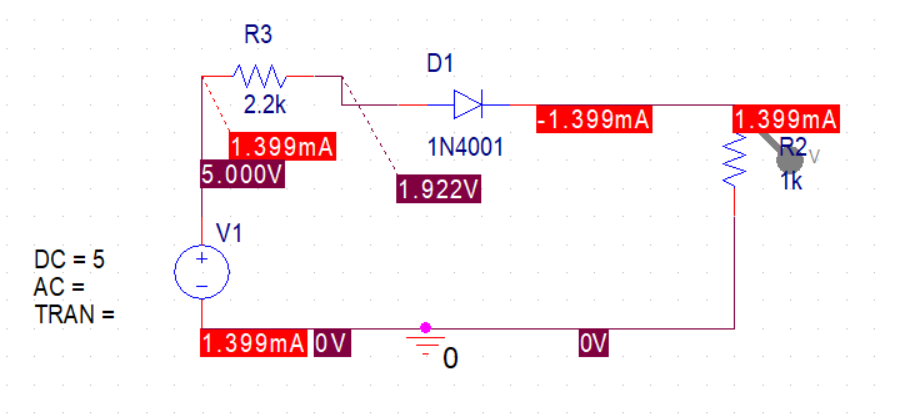




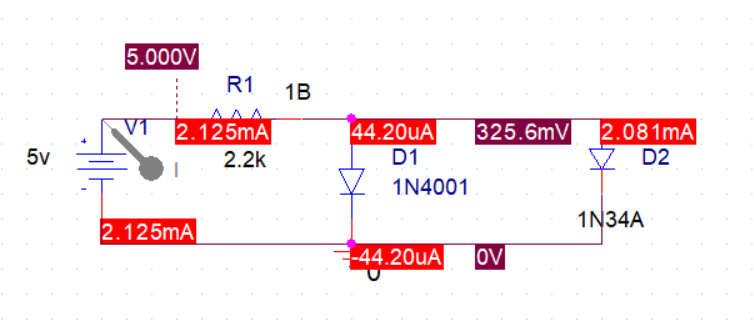
1. reverse biased germanium diode:



Task 4:

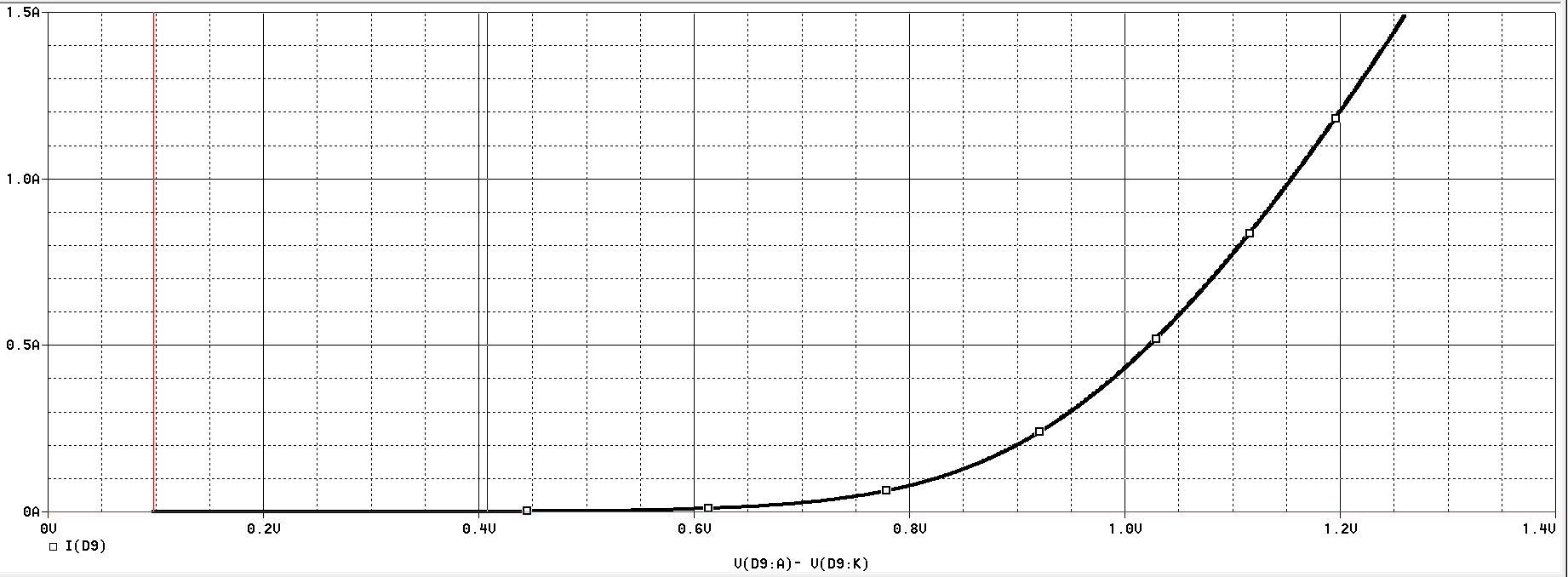


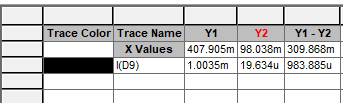
Task 5:

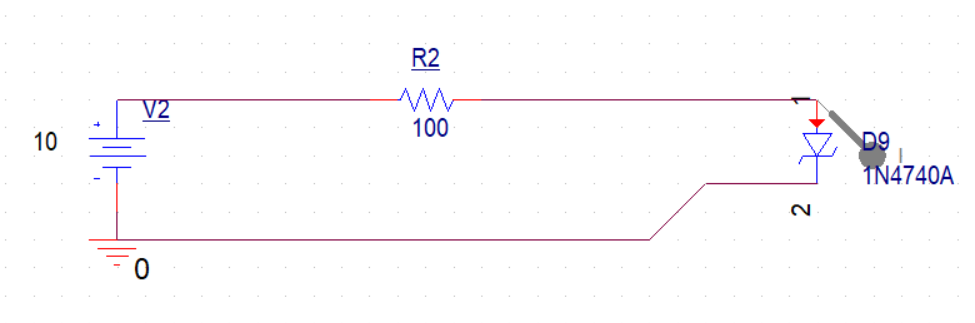


Task 6)

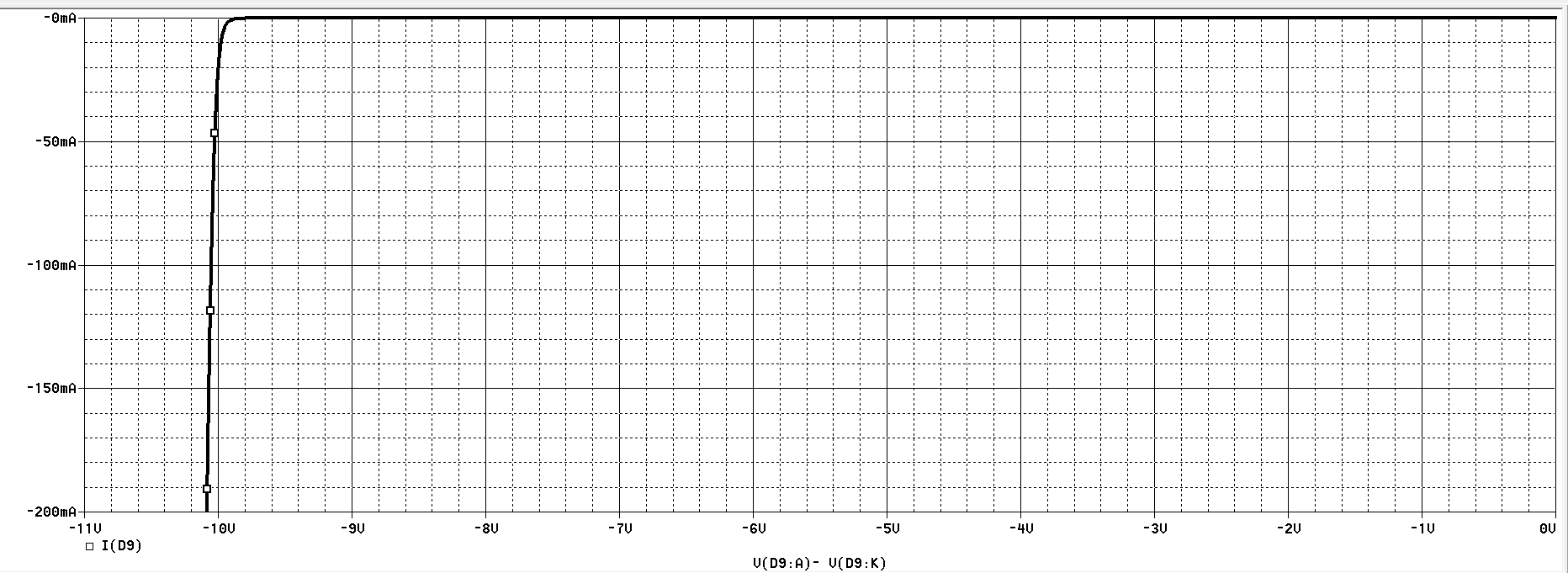
1. forward biased Zener diode:

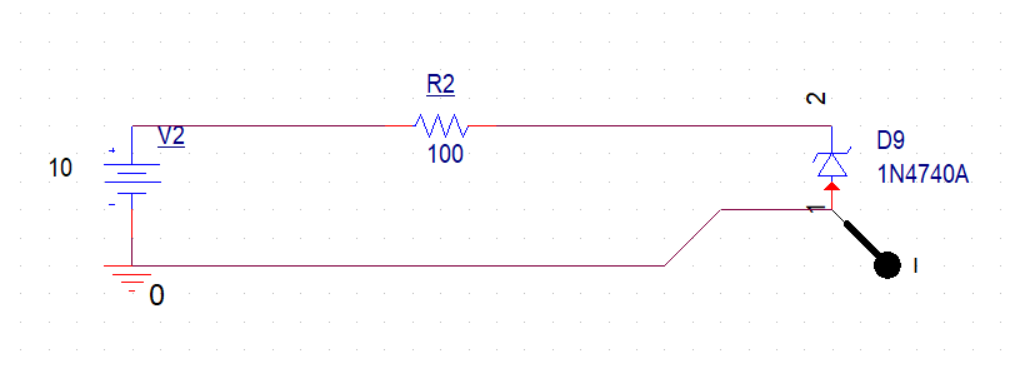






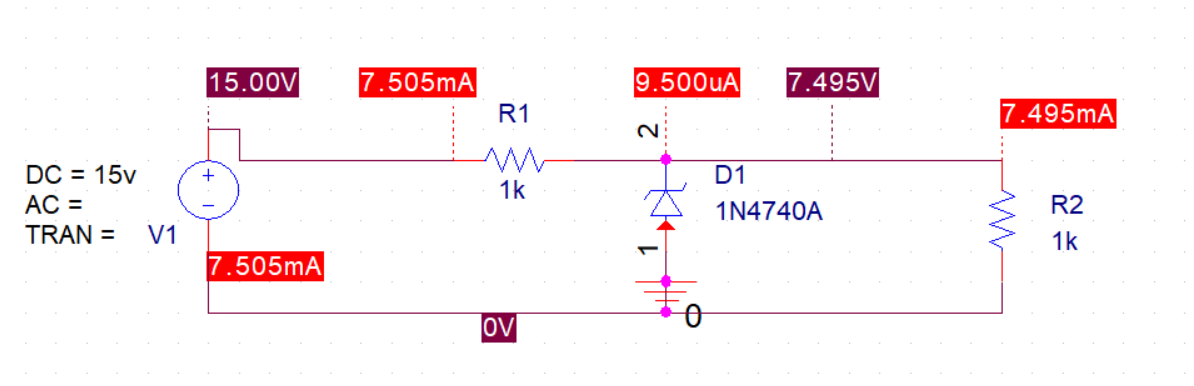
1. reverse biased zener diode:



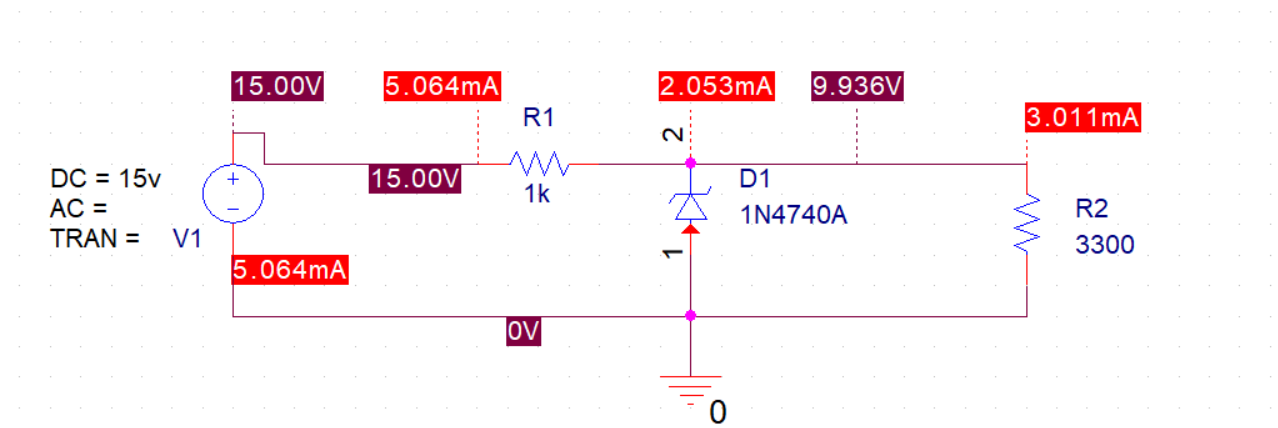


Task 7:

a)

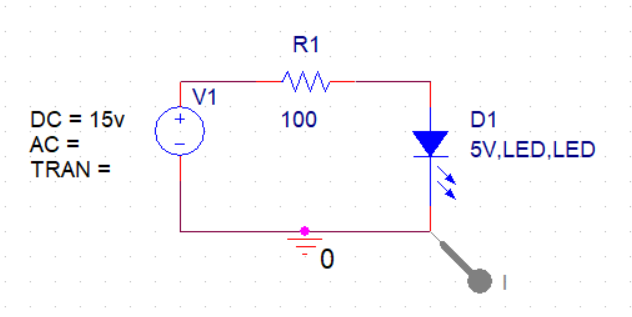


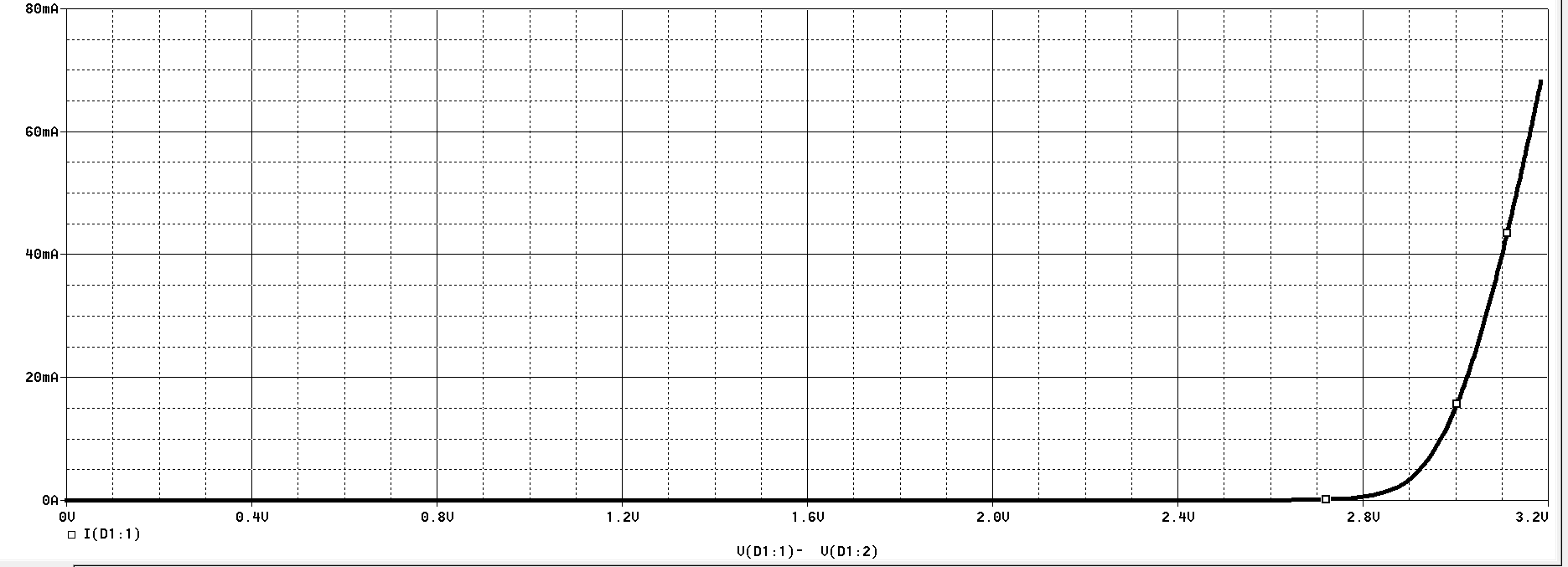
b) with load resistor=3.3k ohm



Task 8:

Forward biased LED:





Reverse biased LED:

