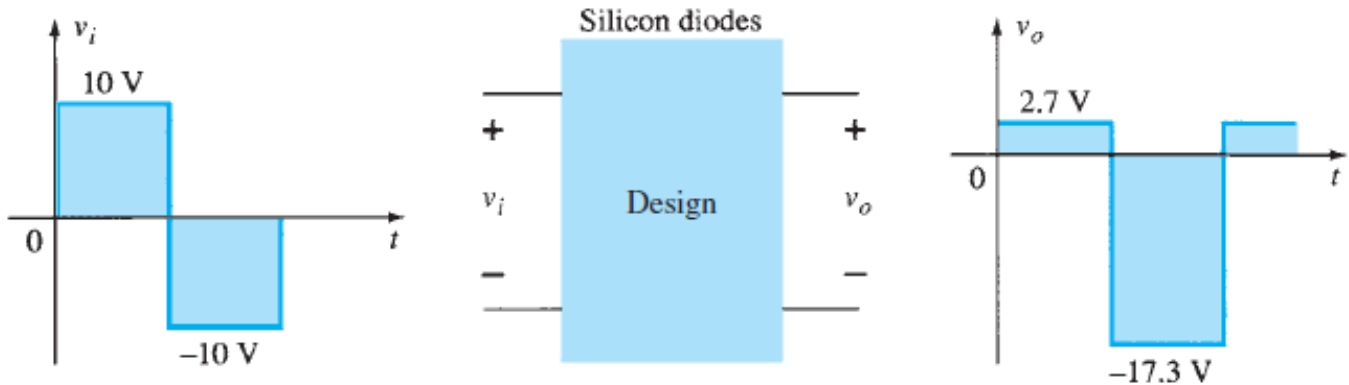


ASSIGNMENT-8

U19CS012

1. Design a Clamper to perform the following operation.



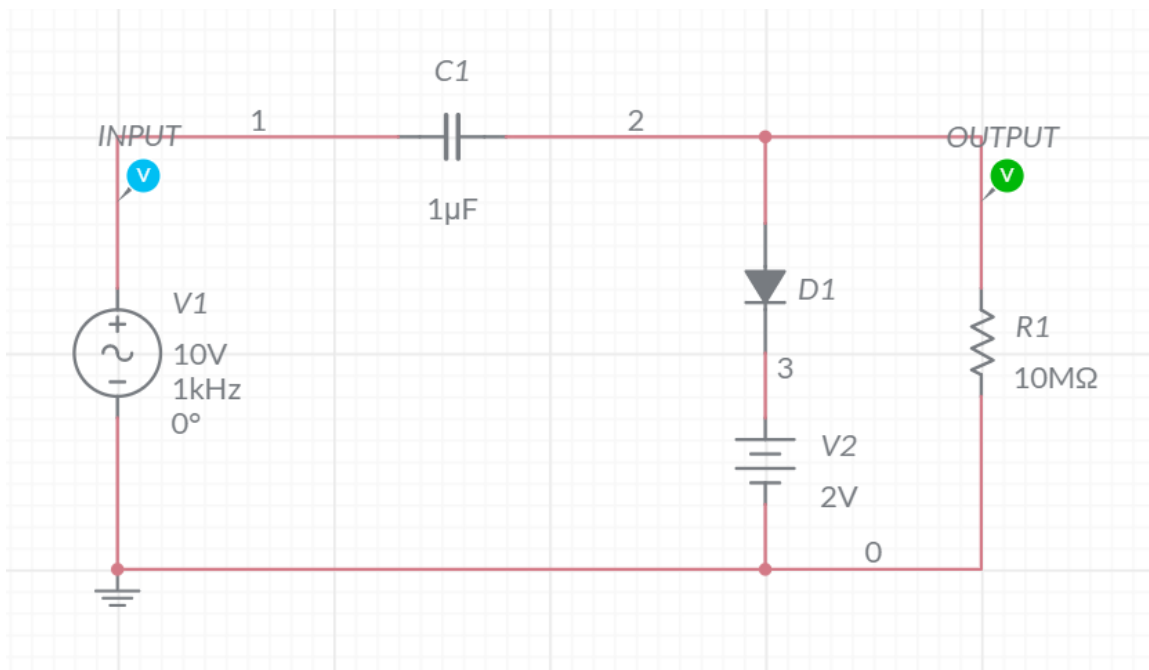
Answer :

Since the Waveform is *Shifted Downwards*, **Negative** Clipper Must be used.

But, the Waveform needs to be Shifted Slightly Upward by 2.7 V

[Forward Bias = 2V + 0.7V [Diode]]

1.) Circuit Image:



2.) Grapher Image:

