

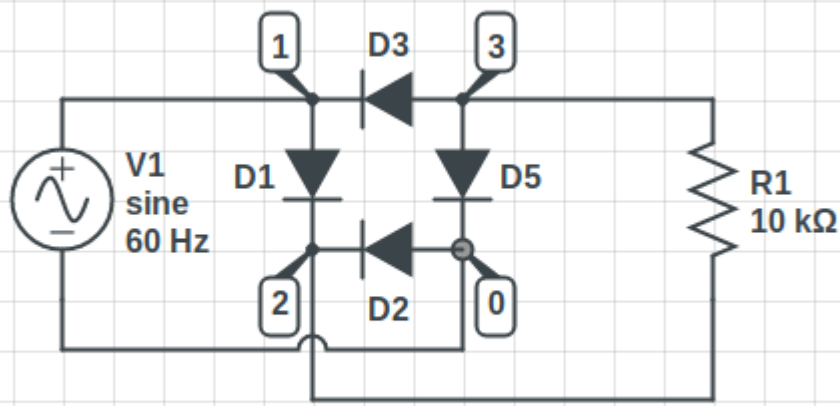
# ASSIGNMENT 1

## AIM:

Build a bridge rectifier circuit and

- Find voltage at each node
- Plot output waveform for given input

## CIRCUIT:



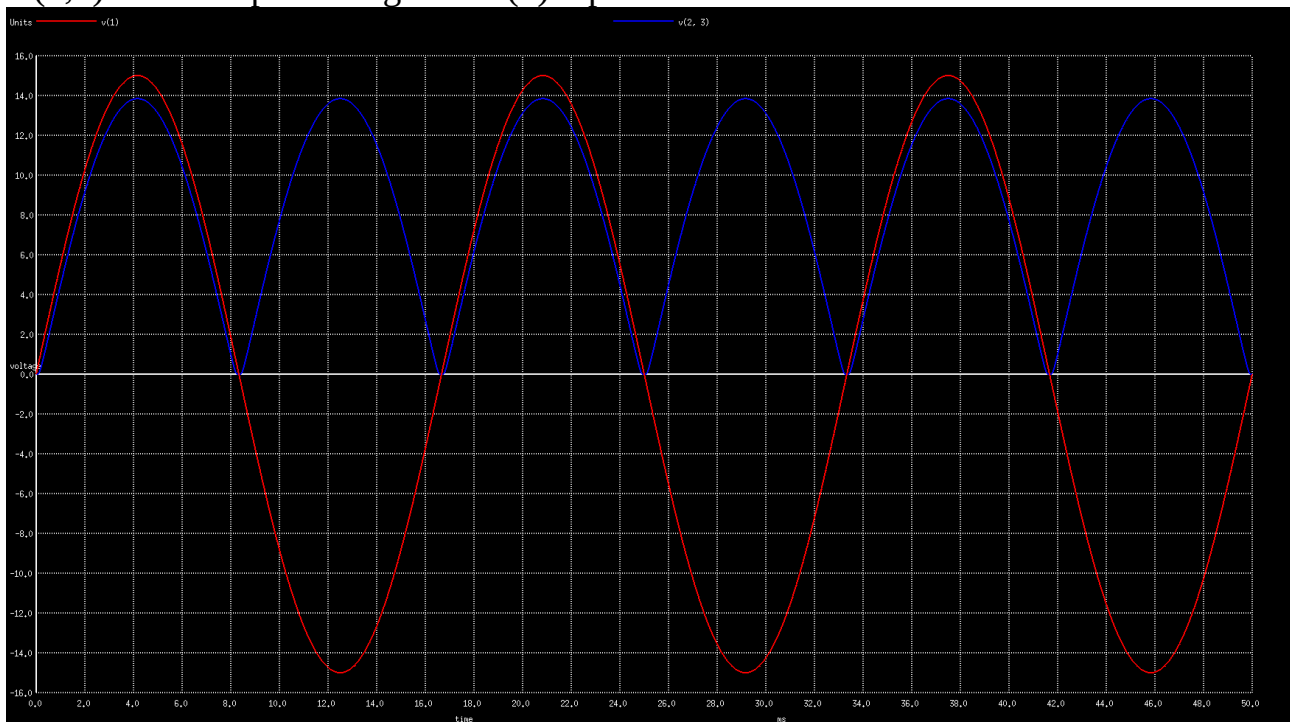
## OBSERVATIONS:

A. Voltage at each node:

Node	Voltage
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1	0
2	7.12486e-19
3	6.82001e-19
v1#branch	-2.98465e-39

## B. Output Waveform:

V(2,3) is the output voltage for V(1) input.



## CONCLUSION:

Due to an additional bias voltage of diodes, the output doesn't follow the input at all times.