|  |  |
| --- | --- |
| Name | Umar Hayyat |
| Roll No | 2019-EE-360 |

**Lab 2**

**Half-wave and Full-wave Rectification**

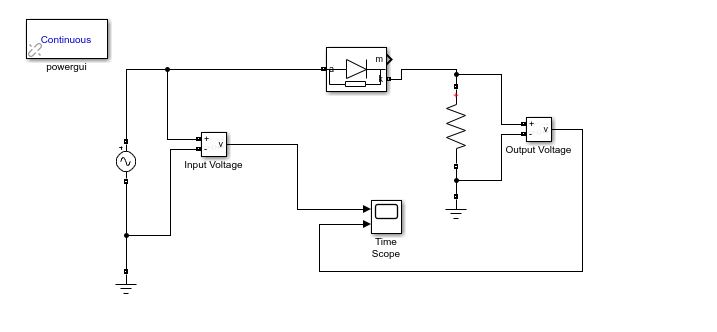
**Objective**

## To implement a half wave rectifier.

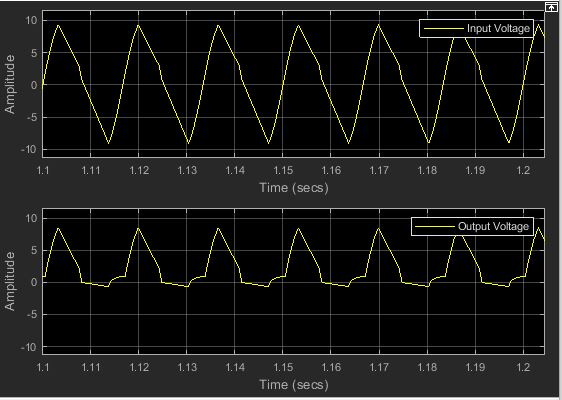
## To implement a full-wave rectifier.

## To study the effect of filter capacitors on rectifier output.

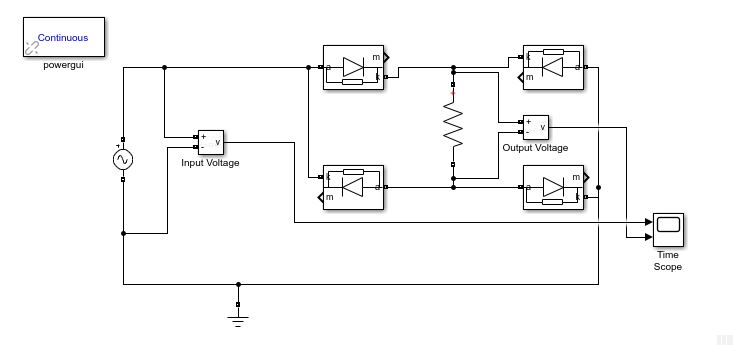
**Half-wave Rectification**



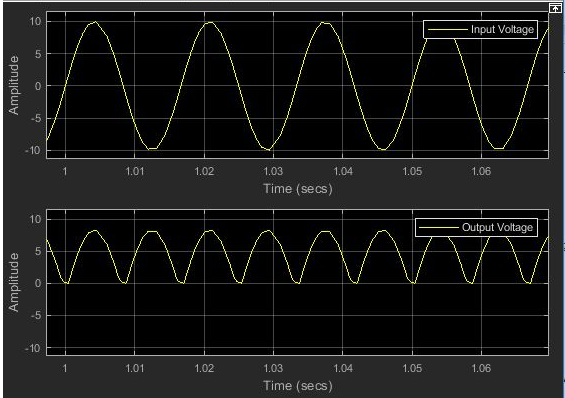
**Graph**



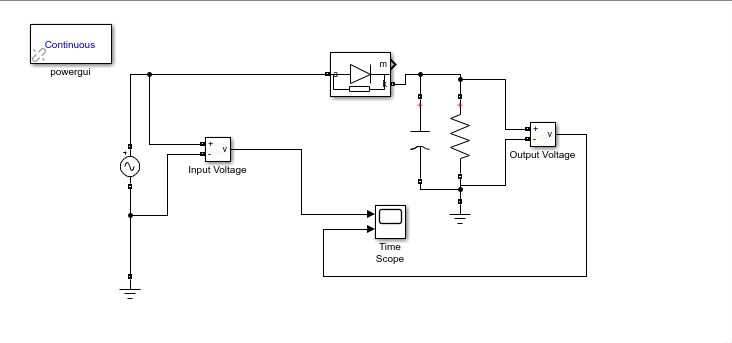
**Full wave Rectification**

****

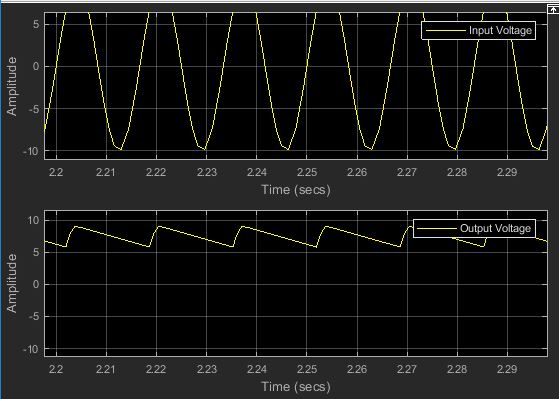
**Graph**



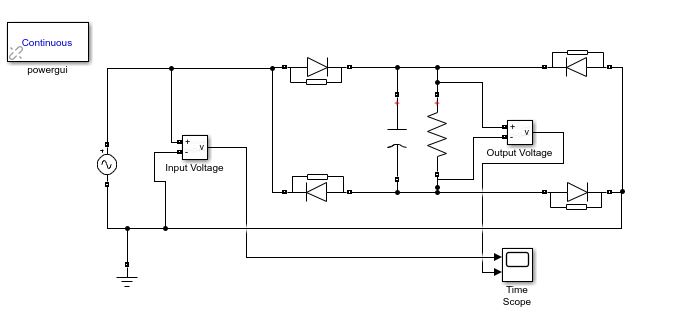
**Half wave Rectification with Capacitor**

****

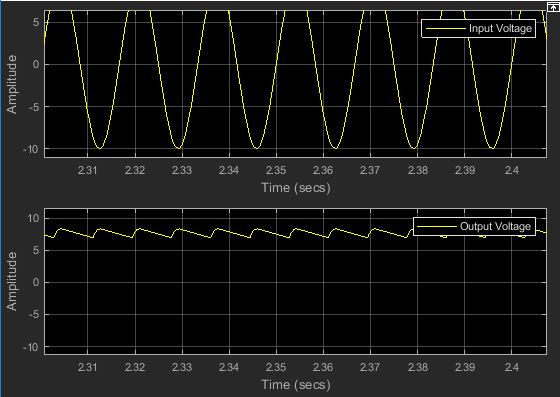
**Graph**

****

**Full wave Rectification with Capacitor**

****

**Graph**

****