

Today meeting

26-7-2015

first : converting ac to dc 12 v & 5v

Using :

1- transformer 12v & 24 v

2- rectifier

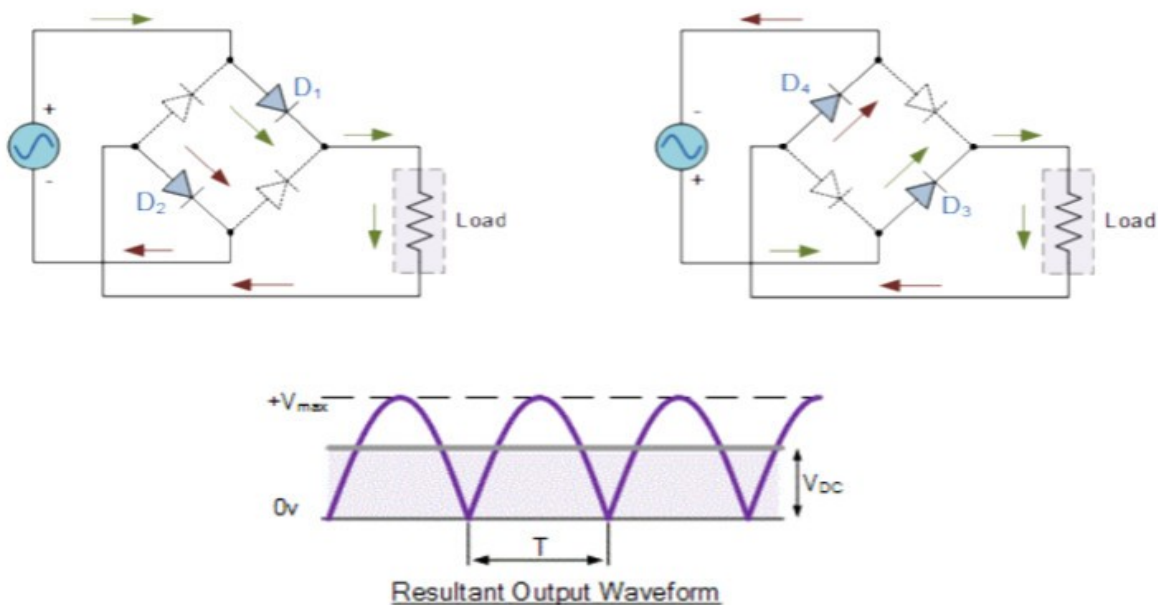
3- IC regulator (7805)

4- capacitor 470 MF

Rectifier:

is an electronic element that convert the ac voltage to dc voltage

Because of the electricity in your home is AC voltage and the electrical devices works at DC voltage, the rectifier plays an important role in all electrical devices which need the dc voltage .Basically it can be represented by four diodes.



after testing ,

searching for several ways to make entrance sensors
for garage : “PIR not Bad “

searching for temperature sensor finding “ dht11 ,
lm35 , LM 36 “

searching for Limit Switch for garage “ enter the
garage “

Home task :

1st garage :

control DC motor

PWM control DC

PIR data sheet

Limit switch “ how to put it in Marketa “

coding

@ Electra : writing the code

makes connections and semantic on bread board as
Trial

Testing

2nd Temperature sensors :

searching for temp sensors and how does it work “
data-sheet & interacting with arduino “

- how to connected via arduino and fan “ coding”

@ **Electra** :

Writing the code

make connections & schematics on breadboard “as a trial “

Testing ,

Tomorrow @ Electra @ 3:00 PM

3rd Meeting