

SAFETY OF HOME IN LESS ELECTRICITY CONSUMPTION

What's this project is?

:-This project is regarding safety of Home In less Consumption. Means In this project I am trying to reduce Electricity bill Consumption As we know That camera are using for security in our home If we do something like that if Thief comes than only our Security camera will Start otherwise It will Not consume any power Because We need Camera to protect our home but in specific time But normally camera is Wasting to much power for that we can use this system When Any bad person or thief come then our camera will get on otherwise It will not operate.

How to run ?

In this project If question is how to run then I have used 1 Atmega328 , Source , Switch ,Led, Potentiometer, Voltmeter By the help of all this I have designed One circuit which is shown in output folder of this repository (.simu file).After opening that file you have To burn (.hex file) or you can See Implementation folder Code And run you will get .hex file in the debug folder where you have saved your .c file In that folder you Can see .hex file that you have to run . For your convenience .hex file is also there in Output folder After that you can run my project .

Why this project ?

As I have mentioned earlier that this project is all about camera will operate only when our home door will open Means If any person open our home door then our camera start working. For that I have used Switch to show Door Sensor And I have used Potentiometer to show output to camera AS I have Used 5 Switch means 5 Door sensor If Any will get open Our camera will operate for showing that power is coming there I have used LED. And If we can use this project then we can Save Electricity because we are using camera only when our door will get open . As our Door Sensor is a switch or Magnetic switch If our door will get open then our both N and South pole go away then our circuit will not complete Then our Atmega 328 blink Led to show Any door is open we will give that output to camera which will operate according to that

Advantage ?

>>Our Electricity Consumption reduces

