## 'Assignment wo: 3 Aim: Study of connectivity & configuration of Raspherey Pi 1 Beagle board circuit with. bouic periphereds LED's vendor steunding GPIO dits wer use in the program designed to sum as pen exiled its to Theory : 100 and some man connectivity & configuration of Raspberry Pi Cruided to configure Raspherey Pi 1 Connectivity of Raspberry-Pi: connectivity is truely super to for a such tiny device especially on the B version of Rauppesey Pi. These are 2 usB 2.0 past that can be used to look up pezignerals or adoptles e this can be together pox expanded with a powered hub. GPO mode 1,7200 not som so motioned (2) The GPIO BOARD option specifies that you all. referring to the pins by the "Broad com Keenel number, these and the numbers after a copio in the. green rectangle organd the outsides of below dia - the model B+ uses the same numbering as the mordel "Br2.0, l'adds new Poin Pins (27-40) - The Raspberry pi zero IPi 2B & Pi 3B use the same numbering as the Bt Building the circuit :-3 In the circuit shown below two momentary switches one wired to GPLO Pins 25 & 24 ( 16 218 on board) The switch on Pin- 25 is Hed to 3.3v while the switch on Pin 24 is Hed to ground.





