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Sai Sriram.V
 PROBRAM NU.:-6 - ON/OFF Willy LDR
                                                  1BM18CS140
 AIM:- Demonstrate to show ON/OFF of a LGD
        using LDR - NIGHT LIGHT SIMULADER.
HARWARE Regularments: Arduino board led, breadboard, nesister,
                     connectify wire, photoresistor.
  Chreuit Diagram:
                         const but ledlih = f;
   Code:
             worst Int Wapin = Ao;
             void sotupl)
           3 Serial begin (9600);
               phmode (ledpih, output);
              ph. Mode [ letroth, ENPUT);
             E Mt eldestatus = analog Read (lock Pih),
           roid loop ()
                 Perial. print in [ birstatus);
               if Clashatus (=10)
                    digitalwrite (ledPh, 1900),
                    Serial-printle ("LDR is dask, LED is DN"), is
                  digital Write (ledPih, Low);
                                                   North Short
                 Berial . Jouhth ("-- -- - '");
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PROBRAM No. 7 -> Sal Brisam V PIR SONSOR 18m11c5140 working of a pressive intrased served. HIM: - Demonstrate the Andrino Board, LED, nesset, bread board, Hardware Requirements: come cting withis , PIR senson. CARLET Pregram: int led = 13; WODE: But sengor = 6; int state = Low; Int val = 0; void setup() pinmade (led, OUTPUT). fumade (Senyol, INPUT); xou'al . begin (9600); } void (oof () val = digital Read (sensor); 界(val== HIGH) 2 digitalivrite (led, HE6H), delay (10); if (state = = LOW) { serial frithen ("motion detected! (), sporting state HIGH; 33

clse {
 delay (10); 3

If (State == HIGH)

E serial-printly ("Motion Stopped");
 state = LOW;

} 3

(9)

Mallabrans