```
Digital Design 21sizy HDL Ravi Jeja Cy
* Implement Invester resing the EDA Jool:
=> module invester (y,a);
  ortput y;
  input a;
   assign y= ~a;
   end module
=) Test bench rode
   timescale ins/IPS
   module test Lench();
   deg as;
  wide zii;
   Invester Soul (a, y1);
   Initial begin
   al: a'b)
   & Hisplay (a=1-b,a1);
   end module.
 * Ripple carry Courtes:
   madule Sipple-counter-4-bit (2, clk, 8 csct).
   Input clk, 8cset;
   output [3:0) 9;
   T-FF Eft O (9[0], C/k, & csct);
   7-FF EBEI (9CD, 920) just);
   T_FF tft2 (9[2],9[1],8csct);
   T-FF tft3 (2[3], 952], 800d);
    end module
   madede T-FF (4, (1/k, 8 est);
   input Clk, 8csct;
   output 9:
   wide d;
   D-FF dfto (9,0,01k,800t);
    not 11 (d,9);
     nodule
                                        Scanned with CamScanner
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Module P-FF (9,d,C/K, 8csct); Input d, c/k & esct; output Big 9; always @ (negedge ()k or posedge 8 esct) begin else 9, K=d end end module => test bench code module East Beg clk, Best; wide (3:0)4; Sipple_cassy-counter &cc(q, UK, Beset); Initial begin & dempbile ("dung- ved"); Clsc = 1'bo; 8 csct = 1 'b1; # 10 8csct= 1'bo; end dways#5 (K-ack; end module

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Python Repost
                                                4-KaviJeja
Scraped website Porta -> How the output will look.
Extracting the Elements without unique identifiers
saving the FUEBacted data in confiles.
firstly, 180m flask ingost blask, 8 ender_template.
    app= Flask (- name -)
    @ app. Goutes ( / plot /?)
     def plot ();
    from pardus - data deader Impost data
    impost datatime
    impost fix - yahoo - finance cosyf
    296. Pd3_ overside ()
  from boscen - plotting impost figure, show, output file.
  from boken, embeded impost componends.
 from bosen. Ecsousses grant CDN.
   def inc_dec(c,o);
   it c>0;
   Value = "Incacuse"
   elif (20
   Value = "Deceruse"
   Value= "equal"
   getien value
   dt ["niddle"]= [dt.open+df.dose]/2
    of { "Height' ]= abs (df.clox-df.open)
   Potitle-text = "Condle stick chart"
   Pogridoline - appla = 0.3
    5 eript 1- dir1 = components (p)
    Cdn-js= (AN ., is- tiles sor
                                       Scanned with CamScanner
```

cdn-js = con.css - files[0] Between Sender - templates ("plot - html") script = script1, dévl=divl; cdn-css = cdn-css, cdn-js = cdn-js)./,