```
Names Hasshitha. T
Mele: 3/6/20
                                USN-4ALIFECTOG
Course Agetal design thing HDL
                                Sem & Sec 1- 6 m B
Topic - EDA Tool
* Implement Envester using the EDA tool
    module muestos (y,a);
    autput y)
    imput a;
    assign y = Na)
     endmodule
  >> Test bouch code
    timescale ins/Ips
     module textbench ();
     regal;
     wire 41;
     investes invi (a, yi);
     invente mitial begin
     a1: a'b1;
     $ display ("a = 1.6, a1);
     end
     endmodule.
* Pipple carry Counter
   module sipple-counter_4_bit (q, dk, oud);
   input ak, vent;
   output [3:0] 9;
   T_FF to (g lo], ak, reset);
   T.FF total (9[1], 9[6], veset);
   T_FF + tto 2 (g[2], g[i], veret);
```

```
T_FF Eff3 (9.83],982], reset );
 endmodule
 module T-FF (q, clk, refet );
  input de veset;
  output 9;
  wire d;
  D-FF dbto (q,d, uk, veret);
   not n1 (d,q,);
   endmodule
   module D. FF (q, d, clk, reset);
   mput of, lk, reset;
    output reg 9;
   always @ (negetge elk of portedge reset)
    begin
    else
    9c=d;
    end
    end module.
3 test bench rode
  module text
  reg Uk , reset;
   wi xc(310)91
   of pple_carry_country occ (q, dk, ocsel);
   initial begin
    & dumptile ("dump .vd");
    ak = 1 bo;
    veset = 1'bl;
   #10 seret =1'b0;
    end
   alway # 5 dk = wdk;
                                     endmodule.
                                ->>
                                      Scanned with CamScanner
```

Name: Hasshitha IT Date: - 3/6/20 USNI HALLTEUDS Course: Python sem & sect- 6th B Topici- Application 8. * Scraped website Data -> How the output will look. to Extracting the elements without wright identifies & Souring the Entraited data en Cov files tistly, from flask import flask, sender-template app: Flank (-name-) @ app. soutes (1 plot i) det plot (); from pandas - data reader import data import datatime import tix - yahoo - tinance as yt yb.pds-overside() from boken. plotting import tigure, show, seetput-file from boken embed import components Brom boken. resources import CDN Start = datetime. datetime (2015, 11,1) end = datetime date time (2016, 3, 10) of = data-get-data-yahoo (trickers="9009", start=start end = end) def in (-de((c,0); it (>0) value : 'Increase'

elib (LO,

else:

valle = "Decrease"

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```
value = "Equal volue voluen value de l''Status" ] = [income de l''Middle' ] = (o
```

df ['Status"]= [inc -dec (c,o) for c,o inzip (df. close. df.

of ["Middle"]= (df. open+df. ubse)/2

of ["Height] = abs(df. close - df. gan)

P: tigure Cx:_anis_type: datatime', width=1000, height \$300)

p. title . text : "candle stick chart" 9

P.grid.grid-line_alpha=0.3

P. segment Colf-index, af. High, df-Bridex, df-low, colour="Black")

script 1. div1 = components (p) cdn-js=con.js-kiles CoJ

cdn_css:con.css-files 6)

return render - templates ("plot. html)

ssoript = scripti,

divi= divi,

cdn _ css = cdn - css,

cdn-js = cdn-js)