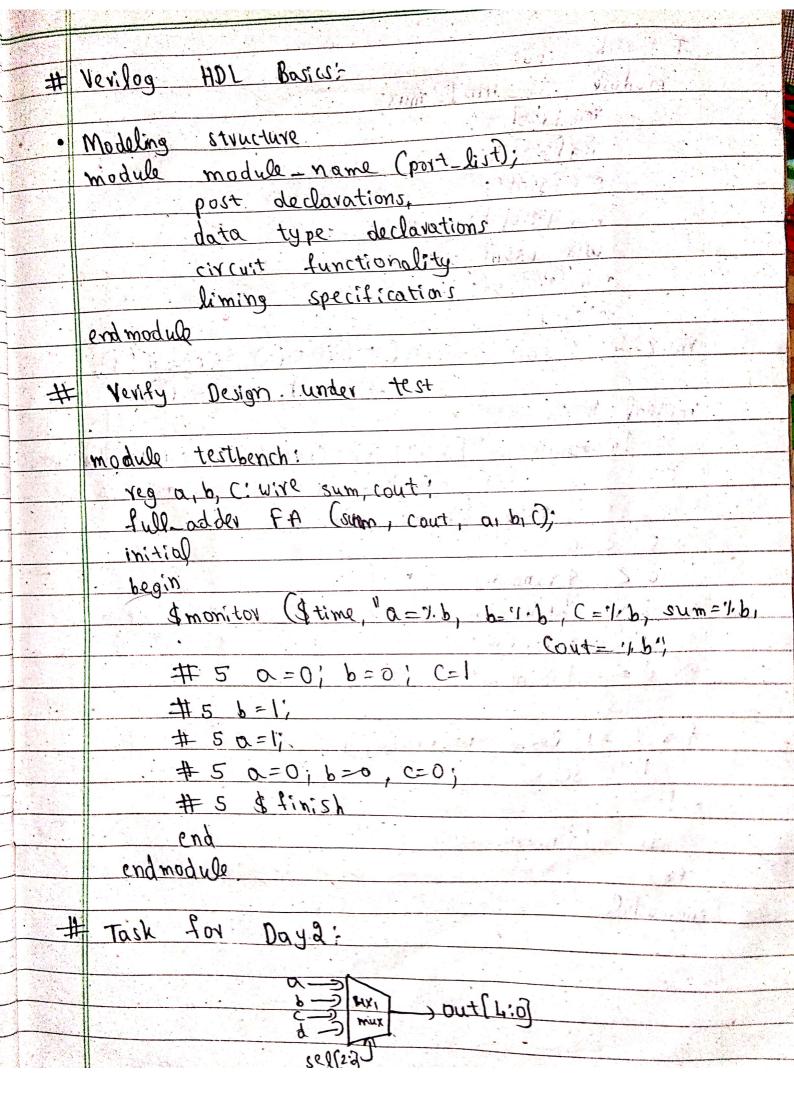
	Poppary Sushmita Shrinivas
	Course: Digital design using HDL HALIBECOHB
	6 β
	2 June 12020
-	
-	The team FPGA stands for field programming
-	any a y -
And the Reservoir	
-	· And it is one of semironductor logic chip
-	which can be programmed to become almost any
-	kind of system.
S. Section of	· PLDs are limited to hundreds of gates
	· But FP&GAs support 1000 of gates.
1	Field Programmable gate Arrays
-	· FPGAs can provide a nou of advantages over a
•	fixed fun ASIC technology such as & standard cells.
	a Normally, ASICS takes months to manufature
* *	& cost of them will be thousands of dollars
,	to obtain the device.
2	FPGA architecture's
	The basic FPGA architecuture consists of thousand
The sail of	et sundamental elements called configurable logic
The said of the last	blocks surrounded by a system of programable
S. September	inter connect s, called a fabre, Ilo blocks &
Sales Sales	external device.
And other Performance	· Applications:
And designation	



module tb_4to1_mux; 160 [3:0] a; reg [3:0] b: 769 [3:0] (veg [3:0]d; wire [3:0] out; reg [1:0] sel; integer; mux-4 to 1 case mux 0 (, a (a), b (b), c(c), d (d), sel (sel), out (out)). initial begin Imoternitor ("["+01] sel= Oxrioh a = O+1.0hb=0xz. C= 0x 1. oh . d = 0x 7. oh , out = 0x 1. oh" Stime, sel, a, b, c, d, ou-t); sel <=0; a <= grandon; b = I landom; C <= \$ Yandom; d == \$ randon! for (i=1; i<4; i=i+1) begin #5 sel <=1; end # # 5 Stinish end endmodule

	Poojary Sushmitas
	HALIBECO46
	68
	Python programing.
	2 And Miles !
Instructive data visualiza	tion with Bokesh
Bokesh is the library	
We can grab data from the	value using bold
Installing Boken-	
pip install bokerh	and the state of t
av pip3 install bokesh.	
Snipped producing the triang	le based plot:
from bolesh plotting import	
from bokesh, io import output	9
x = [3, 7, 5, 10]	
y=[3, 6, q]	,
output - file ("line, html")	Carried School College
f = floure ()	76.10x, 10 m
f. triangle (x, y) [for circle	e based. & circle(s1,y)]
shows (x)	and the first the second
plotting educational data	
from boken . plotting import .	figure
from bokeh io import output -	tile. show
import pandas	
de = pandasread - csv ("http://p	ython how. Com Idata I backer
x = df ["Year"]	CSV
y=df ['Engineering"]	
output file ("Line from bachelors.	html!)
f=fioure ()	

Scanned with CamScanner

	13051 M. 400 400 400 400 400 400 400 400 400 40		
	4. line (4, 4)		
	choult)		
	00000		
	loading Excel files- loading excel files- pip install alid or pips install alid		
	ala install a lid or pips		
	Webschaping with python beautiful soup.		
-#	Wal x-rise with python beautitur auxy		
	websaping w		
	n at landous		
•	Requert headers		
	r=requests. get ("http://www.pythonhow.com/example		
	Harris ger Chin		
-			
o import requests			
from 654 im port Beard fuksoup			
	n= requests, get ("http:// python how, com / example, him)		
	C= Y. Content		
(T. gr)	Service March 18 18 18 Con Dung to 18 18 18 18 18 18 18 18 18 18 18 18 18		
	Sorup = Beautiful Soup (C, "html. pargoc")		
	all = soup. find-oll ("div. of "class": "citier")		
	all		
	all [o]. find -all (h2) [o]. text		
	for item in all:		
L STATE OF THE PROPERTY OF THE			
print (item, fint all (n2") [0]. text)			
-	(40 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		