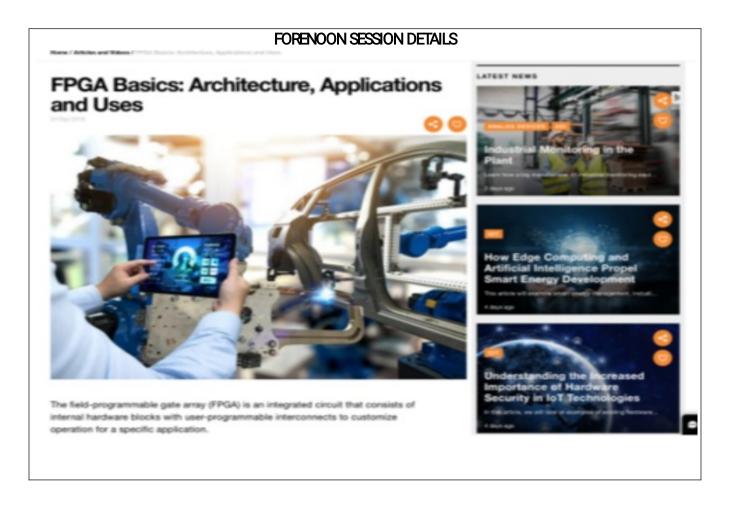
# DAILY ASSESSMENT FORMAT

Date:	02-06-2020	Name:	M V Ramya
Course:	logic design	USN:	4AL17EC045
Topic:	FPGA Basics	Semester & Section:	6th sem, A sec
Github Repository:	M V Ramya-045		



```
FPGA Design
                                                                  Test Buch
 An FPGA - bould design begins by defining the required
 computing take in the development tool, then
                                                            module tb- muz 41;
 confiling them into a configuration flu that contain
                                                             veg 10, 12, 13, 50, 51 /
 informations on how to look up the UB's and
                                                             wire Y:
                                                            muzel mux (1060), it(11), . 12(12) ., i3 (13), .50 (50), .51 (51)
 CPLO VS FPGIA
                                                             initial begin
 Originally. FPGAs include the block in fig: and little
                                                             10 = 1600
 else, but now designed our choose from products with
                                                             11 = 1'60)
  large range of features. Less complex devices such as
 simple programmable logic device (SPLD's) and lomple
                                                             13 = 1'b0:
  programmable device (cPLD3) bridge the gap between
  discrete logic device and entry-level FPGA's
                                                           # 45 & finish.
 4:1 MUX and write test bench code to verify modu
                                                            ud
                                                             always # 210 = ~10;
                                                             always # 411 = ~11;
 verilog duign
                                                             always # 612 = NII;
module muxual ilP, io. iz, i3, i3, 50, 51, olp);
                                                             always # 813 = ~ 11)
                                                             always # 350 = ~50
reg y;
                                                             alway # 3 51 = NSI;
output y;
                                                             always @ (4)
always @ (*)
                                                            $ doplay ("time = 1. DI INPUT VALUES : 1 t 10 = 1. b 11 + 1. b 12 = 1 b
 begin
                                                                       13=1. 6 50 = 1.651 81 = 1.6 It output value
 con ((50,513)
                                                                     $ time , 10, 11 , 12 , 13 , 50 , 51 , 4);
 2'600 : 4= 10;
 2'601 : 4 = 11;
                                                            audmodule.
 2' Ho : 4 = 12;
 2'b11 : 4=13;
  endeurl.
udmodule
```

Date:02june2020 Name: MV Ramya

Course: python USN:4AL17EC045

Topic:webscrapin Semester & 6th sem Asec

Section:

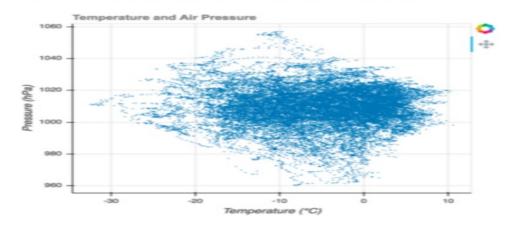
g

#### AFTERNOON SESSION DETAILS

Image of session

## Plotting Weather Data (Practice)

Produce the following graph using the data from this Excel file: http://pythonhow.com/data/verlegenhuken.xlsx



#### Some notes:

Temperature and pressure values in the Excel file have a scale factor of 10; you'll have to divide those values by 10 to get the actual observations.

And, yes, you can set your own fonts and colors, but be accurate with the rest of the plot elements.

### London

London is the capital of England and it's been a British settlement since 2000 years ago.

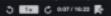


### **Paris**

Paris is the capital city of France. It was declared capital since 508.

### Tokyo

Tokyo is the capital of Japan and one of the most populated cities in the world.



# Pythou Interactive Data Visualization with Bokeh - Bokeh is a data visualization library in python that provides high-performance Interactive chark and plots - It is possible to embed botteh plots in Djungo and flask apps Bolish provides two visualization interfaces to uscus bolish - A low level interface that provider high flexibility to application developer 2) Webstraping with Python Beautiful Soup web scraping is a team wed to describe the use of a pri algorithm to extract and procen large amount of da from the webwether you are a date scientist, engineer, or anybox who analyzes large amounts of date sets, the ability to scrape data from the web is a wifull skill to he Let's say you find data from the web, and thus is no direct way to about and it web scraping using Python is a skill to extract the data into ou wifull form that can be importanted