Date: 26 May20 Course: DSP

Topic: Fourier series.

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USN: MALIZECIDE

sems: 6th sem

sec B sect

\* Today I have learnt:

- -> fourier series and gibbs phenomena using python
- -> fourier touristoom and its derivative
- -> Fourier transporm & convolution
- -> & Intuition & fourier toansform & Caplace toansform
- -> laplace tourstoom of first order
- ~ 2 toansto m.
- re should find fourier townsform of its derivative.

  Above occurt es to find the fourier townsform of a window function out of the fourier townsform

  [(t) ei wtdt. (t)] = i w (w).
- \* Here simercidal terms has a magnitude (scale factor) and phase (shift) (3)
- we can represent a an array of numbers giving the values of that functional equally spaced points fourier & laplace transforms one very related
- \* 2 transform es used to convert discrete time domain signal into discrete frequency domain signal
- to It has wide range of applications in mathematics and also in digital Signal processing.
- \* It is meeting used to analyze and process digital data.

Pate: 2615100 Name: Harshitha. T USN: - UALIFECTOG Course 2- python Topic:- Graphical user interface sems 1-6th sem See B set with Trirtles to Create on empty Trinter window window = TKL) det from kg (); get user value from i/p box and multiply by 1000 to get killgrams gramz float (ed\_value.get()) \* 1000 # yet use Whe wise we least to multiply by 2-20462 to get pounds and multiply by 35. 274 to get ources \* Empty the text boxes if they had text from the previous use and fill them again. ti-delete ("1.0", END) # to delete the content ti. Brisert (GND, gram) It fill the text box tà. delete ('1.0". END) ta. insert (END, pound) £3. delete (En), aurice) t3. insert (END, ounce) create a button widget. b1 = button (window, text = "convert" command = from\_kg)

b1. grid (vow = 0, column= a)

create three empty text books to t1, tagt 3

Scanned with CamScanner

t1= Text (window, height=1, width=20)

t1 \*.grid (vaw=1, column=0)

t2= text (window, height=1, width=20)

t2 · grid (vaw=1, column=1)

t3 = Text (window, height=1, width=20)

- +3=gaid (vow =1, colum=2)
- \* This makes sure to keep the moven window open window. mainloop!)
- \* databases will interacts with python library also. So we can uses it.
- \* many libraries are compatible, but we should prefer mysql. connector.

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