## Python and Scientific Python Lab Experiment - 4 Corve Plotting

I Pre hab Questions

John. Numby is a fighten libery used by working with arrays. It also has functions for working in tomain of linear algebra, Courier from some

Soln. The number simblace () Bunction between number spaces evenly cost interval.

Number sinopace (0, 2, 10).

3. How to animate a function in Python convincement?

Adh. Math plot let library of fython is a plotty tol used to plot graphs of fundious or ligures. It can also be used as an animoration tool 100.

What is the use of arrange() function?

John the attempts function is used to got evenly shaces values within a given into use. Values one generates within the half-gian interval [stud, 8top]

How to feet multiple functions in a single past?

We can past multiple graph of Suppose the functions in a sister flat wars the Marth plat lit littery.

We can set supposent colones for each particles output to supposentiate

I Port hab Guestians. Crime the Command to place segend inside, outside and 6x500 all the cone Using the mathiplathib library of hython, we can achieve the progrimmentos. John. the legend ()" property helps in placing the steppers on the starious graph position For Indide legend [["x", "t"]); Fa outside legal ( block-to\_archor = (1.04,1), Ra: " Yes legs") legard ( loc = " lower left") Support) bundlin add Subject to a Current Digue at the Specified 2. What is the use of Julipost Command 4. Solo grid hosition How to poor map hon 2 functions in a graph? the marthpootes library can be used to past moltiple Burchine in 9 Sisse growth. We can specify a Color to Siggersonticate the

Belo

gulh of each durction