Lab-2 Linear Regression

	PAGE HO: DATE: 19/3/05
	Lob-3 Linear Regrusion
0	g:ax+c
	inhail overdu os mp
Mal	import marphotlib pyflat or ptt
	V ma avenu (51934,5))
	y = mp array ([1,2,3,4,5)) y = mp array ([1,2,3,4,5))
	xb: 959.
	Slope, interest = mp. polyfil (x, y, 1)
W	pount (" Interest: & interest, 3lof 3);
	y-prud = floot (infut (" Enter value of x:") y-prud = Slope * X-infuit + intercept prunt (" prudicted. y: {y-prud 3')
	y-prud = Slope * X- enfruit + entercips
	great (gredicted g: 29-greds)
=>	Intercept : 0.5400-
	Slope: 0.659
	predicted y: 5.159/
	primited 9: 5.154/

PAGE NO: infort murify as mp x= np. array ([1,2,3,4,8]) y: np. array ([12, 1.8,2.6,32,3.8]) Theta: np. limby in (x-b, T. dot (x-b))
dot (x-b, T). dot (y) interestet, Slope: hola print (intercept): X infail: float (infaut ('Ender a Val x infail b: mp. averay([1, x infail y-pried = X-lifut-b. dat (thita. (p. +) point (" Peredicted y for x = { x - inful 3 : 5 y - poul 3) => Book: 0.66 (Thula 1) Enter a value of x to pended y: 7
predicted y for x: 7.6: 5.160

