

Numpy assignments

1. accept numbers from user and store it in a list1 and list2
then convert these list into ndarray

create list3 and list4 to store numbers
and convert it into ndarray

(list1 and list 2 in one array)

(list3 and list 4 in another array)

combine these 4 arrays into 2D arrays (use stack functions)

and find memberwise addition,multiplication
and exponential of first array

1. Store yearwise sales of 2 dealers for tv, freeze, mobiles, washing machines, AC and dishwashers for years (2001 to 2010)

DEALER1

	tv	freeze	mobiles	washing machines	AC	dishwashers
(2001) 0	10000	2000	30000	4000	2000	3000
(2002) 1	10000	2000	30000	4000	2000	3000

Answer the following

- a. Find yearwise sales of each item by both the dealers
- b. Find yearwise sales of by both dealer
- c. Display sales of a particular year for each dealer
- d. Display sales of TV and freeze for each dealer
- e. Draw 2 pie chart one for each dealer, for each year total number of items sold in the year