	Todae 1
	pseudococce of experiment no:1
1.	Constructed an arrey curry numpy.
<b>3.</b> <sub>5</sub>	Compate the meen, medien, mode, cravience and
	Standard deurstim of each Scabject cising nampy
	and Scipy cevith proper aris erclins.
9.	prient the compacifed meen, medien mode, cravience and
	87 andard decrétion of lech Scroject.
A;	Compate the meen, medies, mode, cravience and florde
	deceixerim of each stadent aring rumpy and Scipy with
	Prioper aries enclieus.
<u> </u>	print the compacked meen, medikn, mode, varience and
	Effendand deuretim of eur Effedent
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## Experiment - 1

Consider a class of of steedent Scoppose they appear for med term exems and scored the following marker over of 20.

0	`					
	Name	Subject 1	Subject à	Scesice 3	Bubjait 4	
	Steident 1	Lo	8	15	11.5	44.5
	Studenta	14	9	7.5	11	41.5
	Solcedon + 3	E <sub>1</sub>	14	11.5	9	48.5
10	Student 4	7	14.5	10		43.5
	8-luclent 5	9.5	12	10.5	14	46
	3tredent 6	15	15	¥	ıς	52
	8 tudent 7	19	15.5	u	4.5	53
				and the same of th		

15 Comparte the meen, medieur mode, Marièence and SD of each Subject and each Steeders

phogrem

compost neember as np

Emport Scipy as np

from Scipy impail.

maeks = np. areay ([[[[to,14,11,7,9.5,15,19],[8,9,17,14.5,12, 15,15.5], [15,7.5,11.5,10,10.5,4,11],

(11.5,11,9,12,14,12,4.5])

marksheet = marks. 7 Drint (marksheet)

	Camlin Page
	Date 1 1
-	110 6 15 11.5
	14 4 7.5 11
	17 17 11.5 9
-	7 14.5 lo 12
5	9.5 12 10.5 14
	15 18 4 12
	15·5 " 4·5]]
	print (np meen (maek&heet, axis = 0))
10	# Scedjecteure neen
	[12.21428571 13.42854143 16.35714286 11]
	# Steedent weise meen
	print (op meccies (markshed, onch =1))
15	[ 11.125 · 16.375 12.125 10.875 11.5 13 13.25]
	(11.192 10.342 10.183 10.042
	/1 O N
	# Subject welle medico
	print (np medies (marksheet, ascis=0))
20	[ 11 14.5 to.5 11.5]
	H Beebleet ceetse medien
	print (op medein (merkéleit, anci:1))
	(16.45 10 11.25 11 11.25 13.25]
25	
	# Seesteet ceers moch.
	print (8p 8+xt. mode (marksheet, axis:0))
	ModeResect (mode: auery (CC 4., 8., 4., 12.7])
	Coast: auer (CC1, 1, 1, 233))
100	N 01 A 1 A
30	At Votable [ desit   Acceptance
30	of Schedood leve more  Air Con Cold more (market d. control)
30	peint (Sp. State more (markshed (9 no : 1))  More Reit (more = arey (CC & ).

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	Date / /
	[4.5]
	[9]
	[4.7]
	[9.5]
5	[7.5]), courd : auny (CC1)
	Ci),
	C.J.
	CiJ,
	CiJ,
10	C·J,
	C(II))
	print Cop. ptp (maeksheet, axes =0))
	C12. 16. 8. 6.5]
	C14, 16, 0, 6,5)
151	paint (np. ptp (marksheet, axis:1))
	C7, 6.5, 8. 7.5 4.5 11. 11.57
	# Scedjert coire Marience
20	print (np. even (markeheit, aris=0))
	[13.98949592 12.8844551 6.12244898 3.9284143]
	1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0
	perint (np cray (marlerhert, exis: 1))
	CG. 546875 5.921875 8. 496875 7.546875 2.840 16.5
25	[4.060 1]
	# Subject win 8 tendand deciction
	Daint (np. 84d (markalent, axis=0))
	[3.44629356 8.58999196 .2.4443583 1.91366242]
30	H Student con Studend deciche
	Print (np 3dd (markshert, exis: 1))
	[2,55868619 : 243349029 2.96595263 2.74418762
	1.6955825 4.0620192 4.3660623
1	Soonnad by Tan Soonn

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