de la

Code + a9

det sign (x): if x >0: elif x 60. elif x <0: neturn 'negetire' 350 sho) else: PA par lobo spink zero zero for e in [-1,0,1]: Print (sign (x)) [" color"] is health (Isiba de) faire? -function Call got,

is boom a trend , model : model : 1964 Oul Put:

814-9013

than's aplast negalive Zeno Positive

by contend ones and me and the

s the sent many that the co

=> Numbl and bython to = toget lipson > large, Mulli-dimensional annay large maticix as ' छंद निवक केंद्रिक निक.

=> Numpy GPU use tago Trong to de maltix la Calculation 30 Maria rola Buly

=> sumply armal for Aprilda 1:91 12 Convers tool . Alm - Luty Carles answard 203 Coursest was - MA,

Code -> 30

imPool numpy as mp

a = np. annay ([1, 9, 3]) Proint (Hape (a)) 11 - of faget armay - The (a61 DET GUA Proint (a. shape) 11 shape; arrang -ax dimen sion between 1 10 CA 1 10 C

Print (aco], aci), acr) 11 anna) (element #AI isogen wholeh access with

a [0] = 5 11 0 -05 index -44 value for oven nide TORY - TREETE -4897

Output

Kelass 'mumpy . nd a nnoy' > (3,) 123 15237

श्रीव प्यामाव मना विकास रेडिंग 3696 Aprille wanted assert 20162 Code +31 कार्य व्यक्तिक वाकार्य वाकार नेपालींका व्यवहार करहार, TOTAL HEAD INC. import numpy as np

11 tach down TNAG a = [1, 8, 37 A = np. annay (a) 1 folds a tollet numpy annay
Phint (type (a)) Print (1890 (a))

a = list (a) 11 - factor at the arthur ma numpy arom aroreay Proint (1/200 (a)) a GSAT list & convert. ्यदम रहीम् . ware Josephini

([F Al]) Kanco . 90 - 0

Output: and paged for 11 ((a) sold french rois mile sclasson list > goods is (sands a) family 1 class 'numpy. man and armay') Teless "list'> (ce e (list) []

Code - 32

A Folks भारता सक्ता ではの - वामाद्ध नामान imPorol numpy as mp b = np. annay ([[1,2,3], [4,5,6]])

The sayon phase white,

Provid (b. shape)

[O . 939 O. E3FE]

10.22 0.7454]]

nandom, reandom ((m,n)) m rear negles won n weeken Column that armay generale told Tule soft bundom Code -> 35 Ged - 333 imPort numpy as np a = np. annay ([[1,2,3,4], [5,6,7,8], [9,10,11,12] 1000-100 = a [1:3,7: 1] 00-910 = d and the (Locald, Mode, to old) faid नित्त वामना यमि annay slicing Print (200 - 102) 10 12 a [1:3 o so don't concern 1 46 bom (siles - 340 asla - 3 -40 sala) -शास र निर्ध भवत भवति - मार्थि - मार्थि - मार्थि -प्रमास रिके मार्च राम । मार्च व मेर् indexed 2000 र्वास्त ३ म०0 क्षेत्र था।

OWAL:

[[5 6 7 8] [9 10 11 12] 1. 1. 01 CI [8. F. J. 37] M. S. C. F. S. J. J. J. Comon . ope . n.

Code +36

[8:1 8:1] + + pa. o.a import, numpy as mp a= np. annay ([[1, 2,3,4], [5,6,7,8], [9,10,11,12])

1000-na = a [1:3, 2:]

God-man (1000- 100)

Latter alt

	0	1	3	3
1	. 1	2	3	14
	5	6	7	8
	9	10	11	12

or [1:3, a: A)] & 1808 and 4046

) - (जिला: . क्षेत्र कर्ष 3 नव . लाय नाम्ये - 1000

Culpit.

Rick

[11 01] 3 46 Column Calle 2000 - 2000-

OutPal

रुकार नार्यक element द्वाला (481)

[8 11] [11 12] Code +37

impost numpy as np

a = np. annay ([[1,2,3,4],[5,6,7,8],[9,10,11,12]])

now_na = a [1:3, 1:3]

Print (how_na)

a [1:3, 1:3]

1 takes 345 acta

2 man annay (mill child and all all adding and and annay annay and annay annay and annay anna

Out Pyt:

[5 91]

[10 11]

Page-721

Code +38

20

Numpy Annay 60 boolean

expression 34414 and 21/21

Hele I [3 Fim Pool [money 1 as) mp on the and

a = np. annay ([[1,2], [3,4], [5,6]]) bool _idx = (a)2)

[10 18 19 10]

Proint (bool - idx)

Output:

[I false True False]
[True True]

I True True] 11 2 Gala as also take also sales auta.

Code ->39

import numpy as mp a = mp. array ([[1,2,3,4],[5,6,7,8],[9,10,11,12]] Proint (a[a]2])

Output:

13 9 5 6 7 8 9 10 11 12]

Code +40 impost numpy Tas mp a = 27. annay ([11,2,3,4], [5,6,7,8], [9,10,11,12]]) (Print (a*2) (211) pomos , 91 - 1 (8 (4) = x8: _ lood Oulput: (xhis lood) below [[2 4 6 8] : Justino ? [10 12 14 16] [18 20 22 24] Thue Thuch - देव माध्य वे कहाँ द्वार वहाँ। radiri Ayer The solut was Code +39 gre so tauna finadai [8, F, d, 21, [1 , 6, 9, 1]] [map - 910 = A This (carola) Joint

TSI N OF ES N ON ES N ON 18 I SIN NOTICE ES NO N 18 I