

[illegible]

Linspace:

```
----- RESIARI: C:\python\sprints\taskpractice1.py -----
[ 1.          1.41666667  1.83333333  2.25          2.66666667  3.08333333
 3.5          3.91666667  4.33333333  4.75          5.16666667  5.58333333
 6.          6.41666667  6.83333333  7.25          7.66666667  8.08333333
 8.5          8.91666667  9.33333333  9.75          10.16666667 10.58333333
11.          ]
|
```

IDENTITY MATRIX:

```
===== RESIARI: C:\
[[1 0 0 0]
 [0 1 0 0]
 [0 0 1 0]
 [0 0 0 1]]
```

RANDOM PACKAGE:

```
===== RESIARI: C:\python\sprints\taskpractice1.py
[0.18484583 0.73545423 0.56486503 0.08907105]
|
```

RANDN:

```
----- RESIARI: C:\python\
[-1.57630741 -0.97503195]
|
```

```
----- RESIARI: C:\python\sprints\taskpractice1.py -----
[[-0.19721029  1.07785755 -1.29151841  0.51927331 -1.70574597 -0.75170349]
 [-0.45253728  0.20444743  0.9571078  -1.46585598 -0.26683982 -1.01612628]
 [ 0.61001993  0.65765391 -1.04772492  0.05470843  1.9945243  0.51678316]
 [ 0.84140301 -1.63755291 -0.24534431  0.800805  1.14073797  1.41186417]
 [ 0.87967879  0.10776112  1.33902148 -1.35324409 -1.6267254 -2.5426234 ]
 [-0.0211278  0.07745836  0.61247503  1.33478825 -0.44511278  1.6027943 ]]
|
```

RANDINT:

```
===== RESTART: C:
[5 5 5 4 4 5 2 1 3 2]
|
```

ARRAY AND ATTRIBUTES:

ARRAY:

```
===== RESTART: C:\python\sprint3\taskpractice1.py =====
[ 0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
 24]
|
```

RANDOM:

```
----- RESTART: C:\python\sprint3\taskprac
10 random integer: [36 37 16  4 24 18 34  4 33  6]
|
```

SHAPE:

```
----- RESTART: C:\python\sprint3\taskprac
a: [[1 2 3]
     [4 5 6]]
Shape of array a: (2, 3)
|
```

RESHAPE:

```
----- RESTART: C:\python\sprint3\taskprac
[[1 2 3]
 [4 5 6]]
|
```

MINIMUM:

```
----- RESTART: C:\python\sprint3\taskprac
numbers: [3 4 8 2 9]
Minimum nuber in array: 2
|
```

TASK:3

ARGUMENT FUNCTION:

```
----- RESTART: C:\python\sprint3\taskprac
Index of maximum value of array: 4
|
```

SLICING:

```
===== RESTART: C:\python\sprint3\taskpractice1.py
[1000 1000 1000 1000 1000 6 7 8 9 10]
```

INDEXING:

```
=====
[[1 2 3]
 [4 5 6]
 [7 8 9]]
|
```

ARITHMETIC OPERATORS:

```
===== RESTART: C:\python\sprint3\taskpractice1.py
Array: [ 1  2  3  4  5  6  7  8  9 10]
Addition: [ 2  4  6  8 10 12 14 16 18 20]
Subtraction: [0 0 0 0 0 0 0 0 0 0]
Multiplication: [ 1  4  9 16 25 36 49 64 81 100]
Division: [1. 1. 1. 1. 1. 1. 1. 1. 1. 1.]
|
```

UNIVERSAL ARRAY:

```
===== RESTART: C:\python\sprint3\taskpractice1.py
a: [ 1  2  3  4  5  6  7  8  9 10]
b: [ 1  2  3  4  5  6  7  8  9 10]
Addition: [ 2  4  6  8 10 12 14 16 18 20]
Subtraction: [0 0 0 0 0 0 0 0 0 0]
Multiplication: [ 1  4  9 16 25 36 49 64 81 100]
Division: [1. 1. 1. 1. 1. 1. 1. 1. 1. 1.]
|
```

TRIGONOMETRIC:

```
===== RESTART: C:\python\sprint3\taskpractice1.py =====
sine value: [ 0.0000000e+00  1.0000000e+00  1.2246468e-16 -1.0000000e+00
 -2.4492936e-16]
cosine value: [ 1.0000000e+00  6.1232340e-17 -1.0000000e+00 -1.8369702e-16
 1.0000000e+00]
```

EXPONENTIATION:

```
===== RESTART: C:\python\sprint3\taskpractice1.py
[25 16 25 81 64 9]
|
```

SQUARE ROOT:

```
===== REST:
[2 3 4 5 5]
|
```

MATRIX :

```
===== RES1.
[2 3 4 5 5]
[[ 1 4 9]
 [16 25 36]
 [49 64 81]]
|
```