In [1]:
```
import numpy as np
```

In [2]:
```
array = np.random.randint(1, 100, 9)
```

In [3]:
```
array
```

Out[3]:
```
array([ 5, 86, 45, 82, 88, 27, 97, 91, 41])
```

In [4]:
```
np.sqrt(array)
```

Out[4]:
```
array([2.23606798, 9.2736185 , 6.70820393, 9.05538514, 9.38083152,
       5.19615242, 9.8488578 , 9.53939201, 6.40312424])
```

In [5]:
```
np.sin(array)
```

Out[5]:
```
array([-0.95892427, -0.92345845,  0.85090352,  0.31322878,  0.0353983 ,
        0.95637593,  0.37960774,  0.10598751, -0.15862267])
```

In [6]:
```
np.exp(array)
```

Out[6]:
```
array([1.48413159e+02, 2.23524660e+37, 3.49342711e+19, 4.09399696e+35,
       1.65163625e+38, 5.32048241e+11, 1.33833472e+42, 3.31740010e+39,
       6.39843494e+17])
```

In [7]:
```
np.log(array)
```

Out[7]:
```
array([1.60943791, 4.4543473 , 3.80666249, 4.40671925, 4.47733681,
       3.29583687, 4.57471098, 4.51085951, 3.71357207])
```

In [8]:
```
np.mean(array)
```

Out[8]:
```
62.44444444444444
```

In [9]:
```
np.median(array)
```

Out[9]:
```
82.0
```

In [ ]:
```

```