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

marks = np.array([78, 65, 89, 90, 56, 80])
groups = np.split(marks, 3)
print(groups)
```

```
[array([78, 65]), array([89, 90]), array([56, 80])]
```

In [2]:
```
import numpy as np

sales = np.array([1200, 4500, 2300, 800, 3200])
sorted_sales = np.sort(sales)[::-1]
print("Before Sorting the elements:")
print(sales)
print("---------------------------------------")
print("After Sorting the Decending Order is:")
print(sorted_sales)
print("---------------------------------------")
```

```
Before Sorting the elements:
[1200 4500 2300  800 3200]
---------------------------------------
After Sorting the Decending Order is:
[4500 3200 2300 1200  800]
---------------------------------------
```

In [14]:
```
import numpy as np

sales = np.array([25000, 32000, 40000, 28000])
highest_sales = np.argmax(sales)
print("The highest sales index is:")
print(highest_sales)
```

```
The highest sales index is:
2
```

In [15]:
```
import numpy as np

sales = np.array([25000, 32000, 40000, 28000])
lowest_sales = np.argmin(sales)
print("The lowest sales index is:")

print(lowest_sales)
```

```
The lowest sales index is:
0
```

In [5]:
```
import numpy as np

prices = np.array([10, 20, 30, 50])
new_price = 25
insert_index = np.searchsorted(prices, new_price)
print(insert_index)
```

```
2
```

In [16]:
```
import numpy as np

temperature = np.array([30, 36, 40, 28, 37])
high_temperature = temperature[temperature > 35]
print("The  High Temperatures are:")
print(high_temperature)
```

```
The  High Temperatures are:
[36 40 37]
```

In [17]:
```
import numpy as np

salaries = np.array([40000, 55000, 62000, 48000])
high_salaries = salaries[salaries > 50000]
print("The salaries greater than 50000 are:")
print(high_salaries)
```

```
The salaries greater than 50000 are:
[55000 62000]
```

In [13]:
```
import numpy as np

array=np.arange(1, 26).reshape(5,5)
print(array)
```

```
[[ 1  2  3  4  5]
 [ 6  7  8  9 10]
 [11 12 13 14 15]
 [16 17 18 19 20]
 [21 22 23 24 25]]
```

In [ ]: