```
import numpy as np
array3=np.loadtxt("C:\\Users\\Admin\\Downloads\\testmarks1.csv",delimiter=',',dtype=str,skiprows=1)
print(array3)
sal=[]
exp=[]
for i in array3:
    sal.append(float(i[2]))
    exp.append(float(i[3]))
print(sal)
print(exp)
# converting list to array
arr_sal=np.array(sal)
arr_exp=np.array(exp)
print("\n")
```

```
[['801' '43.05' '27.79' '28.7' '27.79']
 ['802' '43.47' '28.52' '28.98' '27.89']
 ['803' '42.24' '28.16' '28.16' '25.63']
 ['804' '39.24' '26.16' '26.16' '26.16']
 ['805' '40.9' '26.03' '27.27' '25.65']
 ['806' '39.47' '26.31' '26.31' '25.21']
 ['807' '41.68' '25.63' '27.79' '25.46']
 ['808' '42.19' '27.61' '28.13' '26.21']
 ['809' '44.75' '28.35' '29.83' '28.21']
 ['810' '46.95' '28.88' '31.3' '28.53']]
[27.79, 28.52, 28.16, 26.16, 26.03, 26.31, 25.63, 27.61, 28.35, 28.88]
[28.7, 28.98, 28.16, 26.16, 27.27, 26.31, 27.79, 28.13, 29.83, 31.3]
```

```
print("1..addition of two sets")
arr1=sal+exp
print("=",arr1)
print("\n")
```

```
1..addition of two sets
= [27.79, 28.52, 28.16, 26.16, 26.03, 26.31, 25.63, 27.61, 28.35, 28.88, 28.7, 28.98, 28.16, 26.16, 27.27, 26.31, 27.79, 28.13,
29.83, 31.3]
```

```
print("2..sorting of sal and exp")
arr8= np.sort(sal)
arr9= np.sort(sal)
print("=",arr8)
print("=",arr9)
print("\n")
```

```
2..sorting of sal and exp
= [25.63 26.03 26.16 26.31 27.61 27.79 28.16 28.35 28.52 28.88]
= [25.63 26.03 26.16 26.31 27.61 27.79 28.16 28.35 28.52 28.88]
```

```
print("3..cocatenate of two sets")
arr10 = np.concatenate((sal,exp))
print("=",arr10)
print("\n")
```

```
3..cocatenate of two sets
= [27.79 28.52 28.16 26.16 26.03 26.31 25.63 27.61 28.35 28.88 28.7  28.98
 28.16 26.16 27.27 26.31 27.79 28.13 29.83 31.3 ]
```

```
print("4..maximum value in exp")
arr3=np.max(exp)
print("=",arr3)
print("\n")
```

```
4..maximum value in exp
= 31.3
```

```
print("5..minimum value in exp")
arr5=np.min(sal)
print("=",arr5)
print("\n")
```

```
5..minimum value in exp
= 25.63
```

```
print("6..maximum value in sal")
arr2=np.max(sal)
print("=",arr2)
print("\n")
```

```
6..maximum value in sal
= 28.88
```

```
print("7..minimum value in sal")
arr4=np.min(sal)
print("=",arr4)
print("\n")
```

```
7..minimum value in sal
= 25.63
```

```
print("8..difference between maximum value of two sets")
arr12=arr3-arr2
print("=",arr12)
print("\n")
```

```
8..difference between maximum value of two sets
= 2.4200000000000017
```

```
print("9..multiplication of maximum value in sal and exp")
arr6=arr2*arr3
print("=",arr6)
print("\n")
```

```
9..multiplication of maximum value in sal and exp
= 903.944
```

```
print("10..division of maximum value in sal and exp")

arr7=arr2/arr3

print("=",arr7)

print("\n")
```

```
10..division of maximum value in sal and exp
= 0.9226837060702875
```