

```
[5]: import numpy as np
      arr=np.array([1,6,2,7,6,4])
      x=np.where(arr==4)
      y=np.where(arr==6)
      print(y)
      print(x)
```

```
(array([1, 4]),)
(array([5]),)
```

```
[3]: arr=np.array([1,6,2,7,6,4])
      x=np.where(arr%2==0)
      print(x)
```

```
(array([1, 2, 4, 5]),)
```

```
[11]: import numpy as np
       arr=np.array([0,1,2,2,7,8,9])
       x=np.searchsorted(arr,3,side='left')
       print(x)
```

```
print(arr)  
print(newarr)
```

```
[41 42 43 44]
```

```
[True, False, True, False]
```

```
[False False True True]
```

```
[43 44]
```

```
[32]:
```

```
arr=np.array([31,78,69,88])  
x=[False,True,True,False]  
newarr=arr[x]  
print(x)  
print(newarr)
```

```
[False, True, True, False]
```

```
[78 69]
```

```
[ ]:
```