

```
# -*- coding: utf-8 -*-  
"""LabSheet1 (AI&ML).ipynb
```

Automatically generated by Colaboratory.

*Original file is located at
<https://colab.research.google.com/drive/143xWCGDkBPlvylWhSZdXpBl18mS6CsvG>
"""*

```
print("Hi")  
  
import keyword  
print(keyword.kwlist)  
a=len(keyword.kwlist)  
print(a)  
  
a = ["a","101","Hi"]  
a  
  
b = len(a)  
b  
  
a[0]  
  
a[-1]  
  
type(a)  
  
b = list(range(1,21))  
b  
  
days = ['monday','tuesday','wednesday','thursday','friday','holiday','holiday']  
days  
  
days[2]  
  
days[1:4]  
  
L1 = ["Hello", 1, "Monkey", 2, "Dog", 3, "Donkey"]  
New_L1 = L1[0:6:2]  
print(New_L1)  
  
days[1:3:5]  
  
a = list(range(1,9))  
a  
  
list = [1,2,3,4,5,6,7,8,9]  
list  
  
len(list)  
  
max(list)  
  
min(list)  
  
import random  
random.shuffle(list)  
list  
  
qq =[11,54,6,564,4,65,66,65]  
ww =[65,6256,65,6,59,65,6,9,65,96,6,65,6]  
  
qq+ww  
  
del[days[1]]  
a
```

```
a.append('Hi')
```

```
a
```

```
c = a.copy()
```

```
c
```

```
c.extend(days)
```

```
c
```

```
s = ('Hi', '22', '#', '%')
```

```
s
```

```
type(s)
```

```
student = {
```

```
    'name' : 'Hi',
```

```
    'rollno.' : "20211CSD0116",
```

```
    'section' : "4CSD-01"
```

```
}
```

```
student
```

```
len(student)
```

```
type(student)
```

```
y = student.keys()
```

```
y
```

```
setA = {1,2,1,3,5,4,6,6,4,5,8,5,9,7}
```

```
setA
```

```
"""numpy arrays """
```