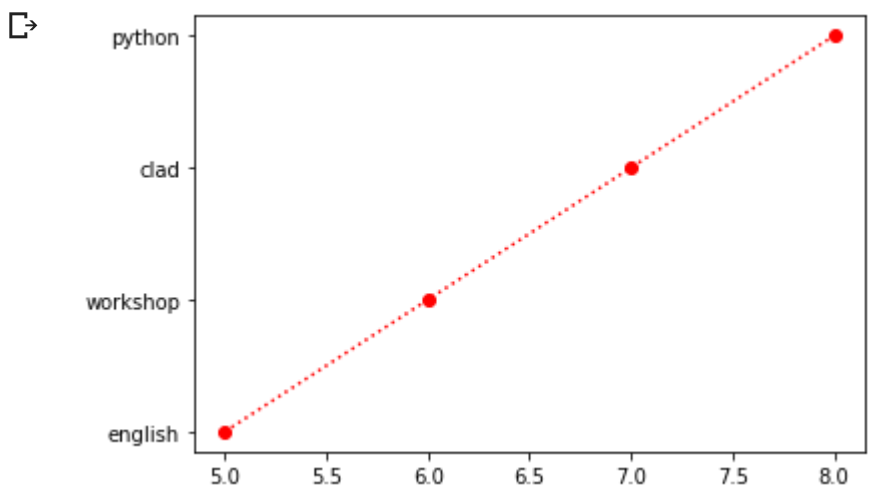
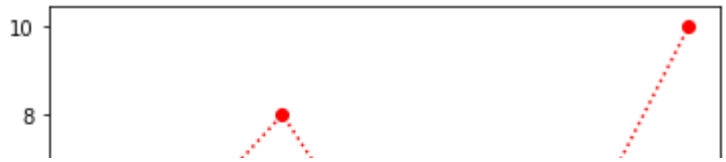
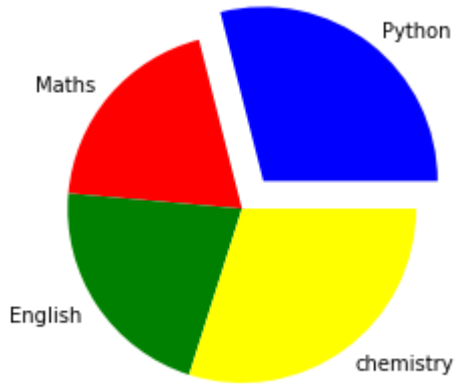
```
import matplotlib.pyplot as plt

import numpy as num

x=num.array([5,6,7,8])

y=num.array(['english','workshop','clad','python'])

plt.plot(x,y,color="r",ls="dotted",marker="o")

plt.show()
```



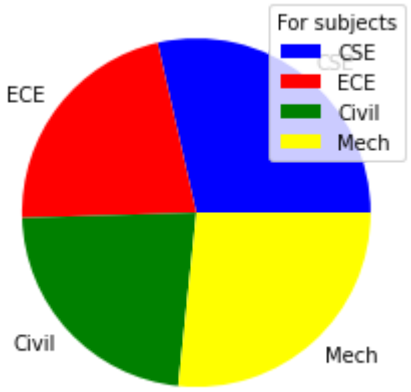

```
import matplotlib.pyplot as plt

import numpy as num

x=num.array([0.0,1.0,2.0,3.0])

y=num.array([3,8,1,10])

plt.plot(x,y,color="r",ls="dotted",marker="o")

plt.show()
```




```
import matplotlib.pyplot as plt

import numpy as num

y=num.array([31,21,23,32])

mylabels=["Python","Maths","English","chemistry"]

mycolors=['blue','red','green','yellow']

myexplode=[0.2,0,0,0]

plt.pie(y,labels=mylabels,explode=myexplode,colors=mycolors)

plt.show()
```




```
import matplotlib.pyplot as plt

import numpy as num

y=num.array([30,23,24,28])

mylabels=["CSE","ECE","Civil","Mech"]

mycolors=['blue','red','green','yellow']

plt.pie(y,labels=mylabels,colors=mycolors)

plt.legend(title="For subjects")

plt.show()
```

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