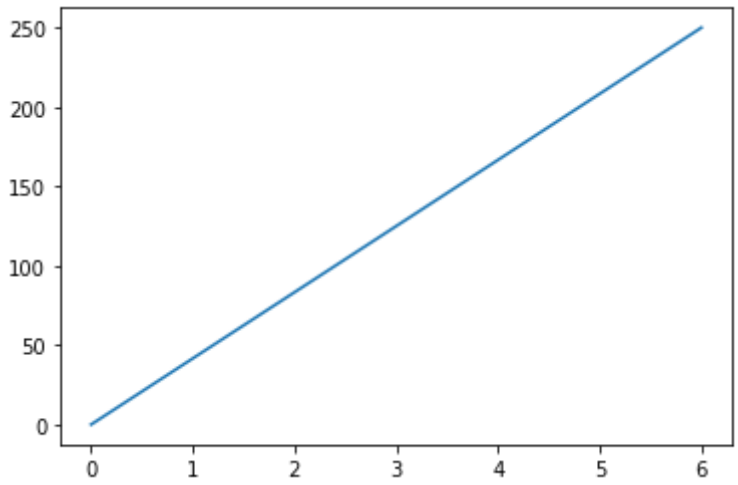
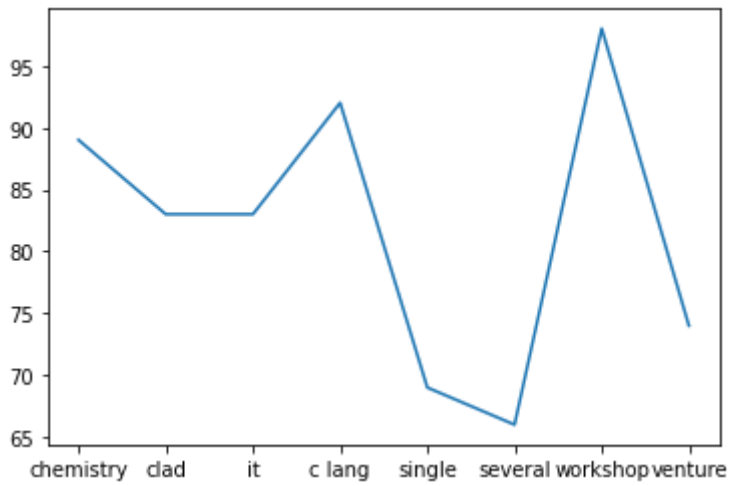
```
import matplotlib.pyplot as plt
import numpy as np

xpoints = np.array([0, 6])
ypoints = np.array([0, 250])

plt.plot(xpoints, ypoints)
plt.show()
```



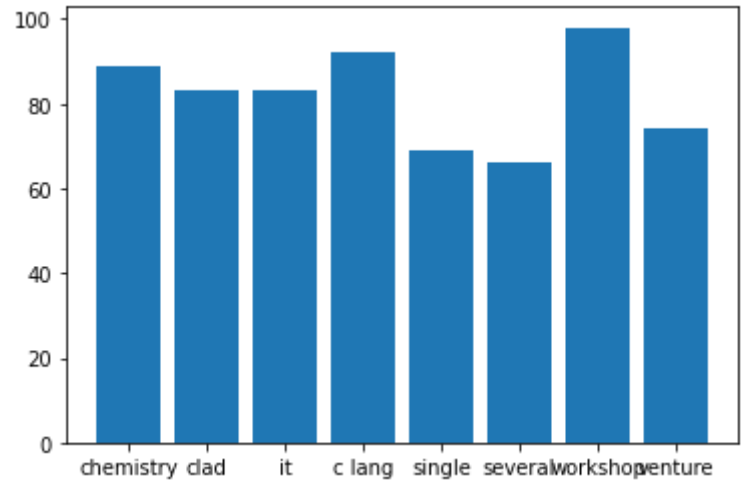

```
import matplotlib.pyplot as plt
import numpy as np

xpoints = np.array(["chemistry","clad","it","c lang","single","several","workshop","ventur
ypoints = np.array([89,83,83,92,69,66,98,74])

plt.plot(xpoints, ypoints)
plt.show()
```




```
import matplotlib.pyplot as plt
import numpy as np

x = np.array(["chemistry","clad","it","c lang","single","several","workshop","venture"])
y = np.array([89,83,83,92,69,66,98,74])
```

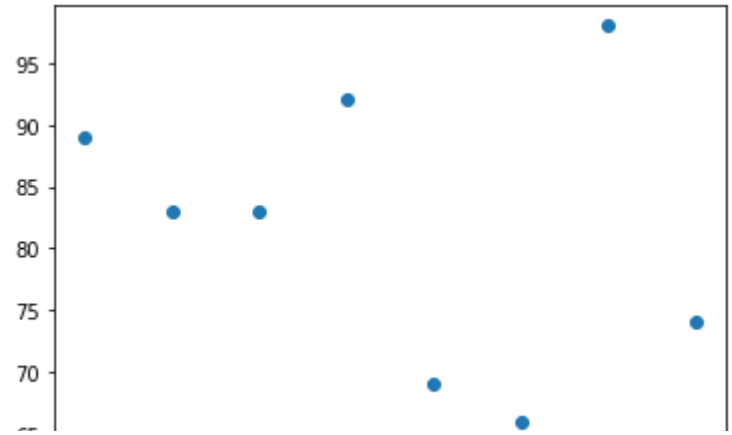
```
plt.show()
plt.bar(x,y)
```

```
<BarContainer object of 8 artists>
```

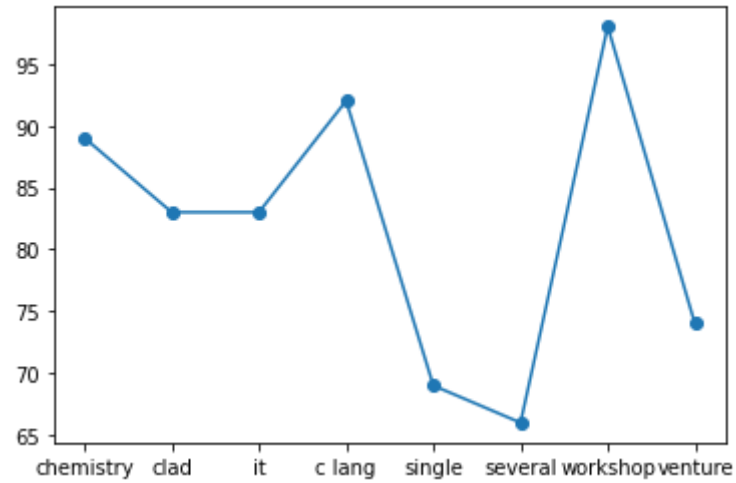



```
import matplotlib.pyplot as plt
import numpy as np

y = np.array([89,83,83,92,69,66,98,74])
mylabels = ["chemistry","clad","it","c lang","single","several","workshop","venture"]

plt.pie(y, labels = mylabels)
plt.show()
```


```
import matplotlib.pyplot as plt
import numpy as np

xpoints = np.array(["chemistry","clad","it","c lang","single","several","workshop","ventur
ypoints = np.array([89,83,83,92,69,66,98,74])

plt.plot(xpoints, ypoints, 'o')
plt.show()
```

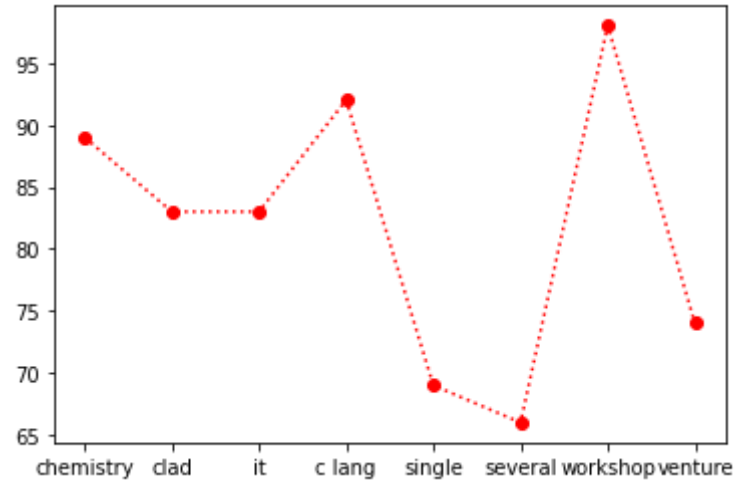



```
import matplotlib.pyplot as plt
import numpy as np

xpoints = np.array(["chemistry","clad","it","c lang","single","several","workshop","ventur
ypoints = np.array([89,83,83,92,69,66,98,74])

plt.plot(xpoints,ypoints, marker = 'o')
plt.show()
```

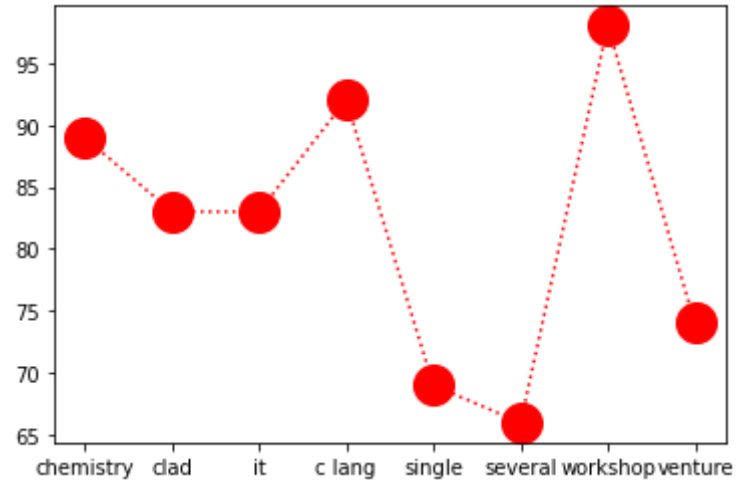



```
import matplotlib.pyplot as plt
import numpy as np

xpoints = np.array(["chemistry","clad","it","c lang","single","several","workshop","ventur
ypoints = np.array([89,83,83,92,69,66,98,74])

plt.plot(xpoints,ypoints, marker = '*')
plt.show()
```

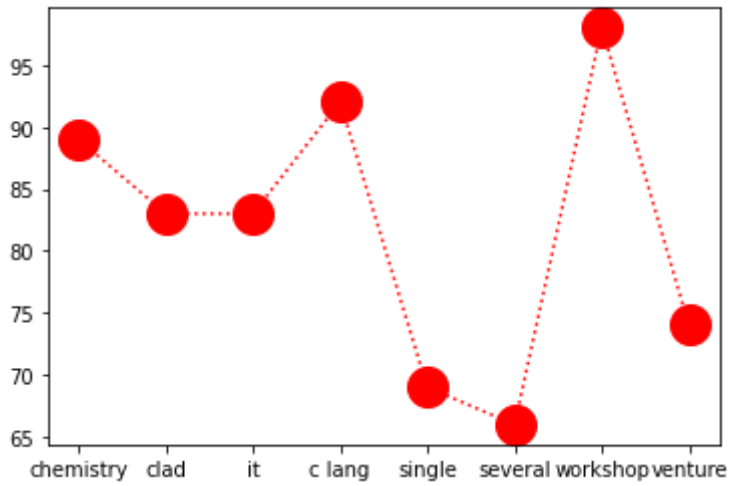

```
import matplotlib.pyplot as plt
import numpy as np

xpoints = np.array(["chemistry","clad","it","c lang","single","several","workshop","ventur
ypoints = np.array([89,83,83,92,69,66,98,74])

plt.plot(xpoints,ypoints,'o:r')
plt.show()
```



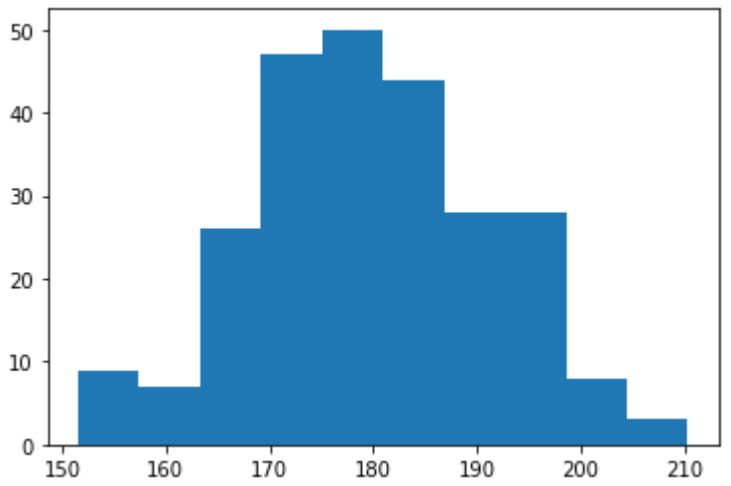

```
import matplotlib.pyplot as plt
import numpy as np

xpoints = np.array(["chemistry","clad","it","c lang","single","several","workshop","ventur
ypoints = np.array([89,83,83,92,69,66,98,74])


plt.plot(xpoints,ypoints,'o:r',ms=20)
plt.show()
```



```
import matplotlib.pyplot as plt
import numpy as np

xpoints = np.array(["chemistry","clad","it","c lang","single","several","workshop","ventur
ypoints = np.array([89,83,83,92,69,66,98,74])


plt.plot(xpoints,ypoints,'o:r',ms=20,mfc='r')
plt.show()
```




```
import matplotlib.pyplot as plt
import numpy as np

x = np.random.normal(180,10,250)

plt.hist(x)
plt.show()
```




```
import matplotlib.pyplot as plt
import numpy as np

ypoints = np.array([94,86,91,85,94,98,74,89])

plt.plot(ypoints, color = 'c')
plt.show()
```