(https://www.linkedin.com/in/mohammed-dala-ali)

Helpful resources for your Python and Data Science journey

About this Notebook
In this notebook, you will find some helpful resources for learning Python and Data Science:

* Learning the synatx * Connecting the pieces of the puzzle * Learning the Statistics and Probability * Learning the Data Science packages and functions

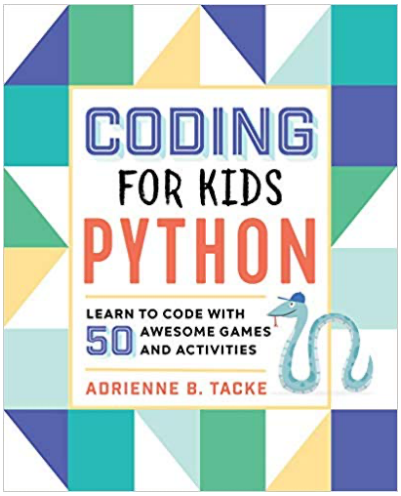
Table of contents

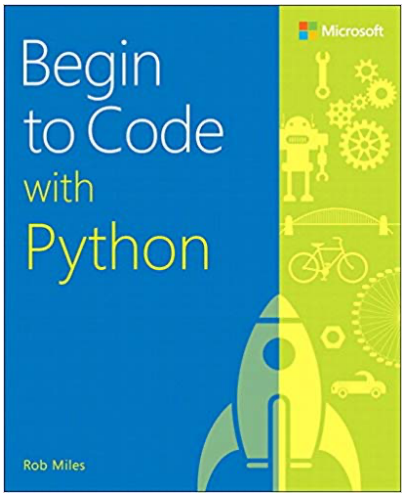
In [88]:
```
from IPython.display import HTML, display
```

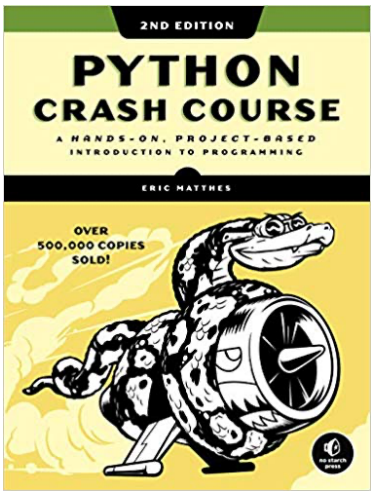
Learn the Syntax

Books

In [92]:
```
display(HTML("<table><tr><td><img src='python_for_kids.jpg'></td><td><img src='begin_code_with_python.jpg'></td><td><img src='python_crash_cource.jpg'></td></tr></table>"))
```



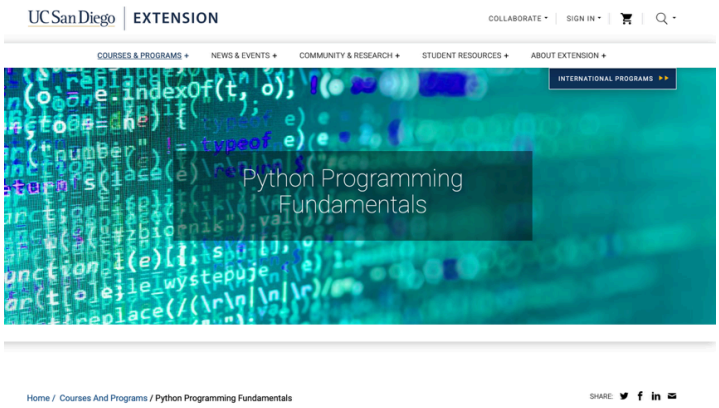


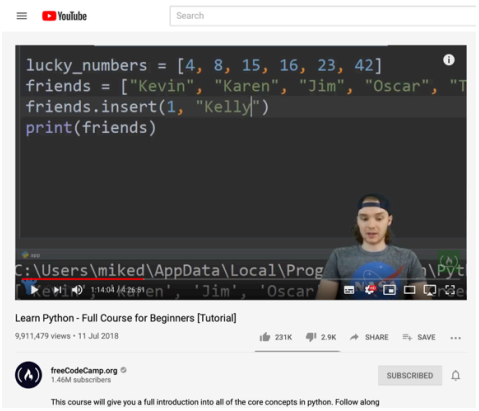


Cources

- UCSD extension / Python programming fundementals https://extension.ucsd.edu/courses-and-programs/python-programming-fundamentals (https://extension.ucsd.edu/courses-and-programs/python-programming-fundamentals)
- Youtube / free code camp https://www.youtube.com/watch?v=rfscVS0vtbw&t=7951s (https://www.youtube.com/watch?v=rfscVS0vtbw&t=7951s)
- Udemy / Go from Zero to hero in python 3 https://www.udemy.com/share/101W8QBUoeeFtVQ34=/ (https://www.udemy.com/share/101W8QBUoeeFtVQ34=/)
- MIT open cource https://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-0001-introduction-to-computer-science-and-programming-in-python-fall-2016/lecture-videos/ (https://ocw.mit.edu/courses/electrical-engineering-and-computer-science/6-0001-introduction-to-computer-science-and-programming-in-python-fall-2016/lecture-videos/)

In [93]:
```
display(HTML("<table><tr><td><img src='ucsd.jpg'></td><td><img src='freecodecamp.jpg'></td></tr></table>"))
```



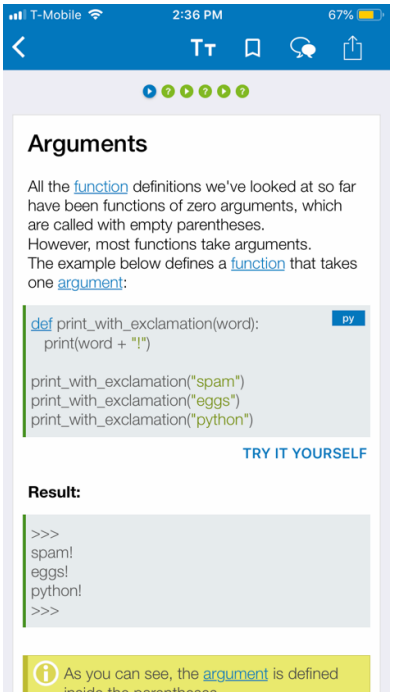


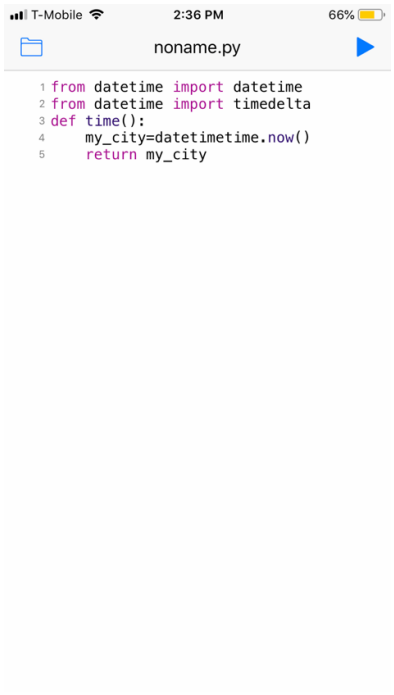
In [94]:
```
display(HTML("<table><tr><td><img src='mit.jpg'></td><td><img src='udemy.jpg'></td></tr></table>"))
```

Practise on your mobile

- Solo learn https://www.sololearn.com (https://www.sololearn.com)
- Code academy https://codecademy.dev (https://codecademy.dev)
- Python2IDE https://apps.apple.com/us/app/python2ide/id984990674 (https://apps.apple.com/us/app/python2ide/id984990674)

In [96]:
```
display(HTML("<table><tr><td><img src='solo_learn.PNG'></td><td><img src='code_academy.PNG'></td><td><img src='python2ide.PNG'></td></tr></table>"))
```

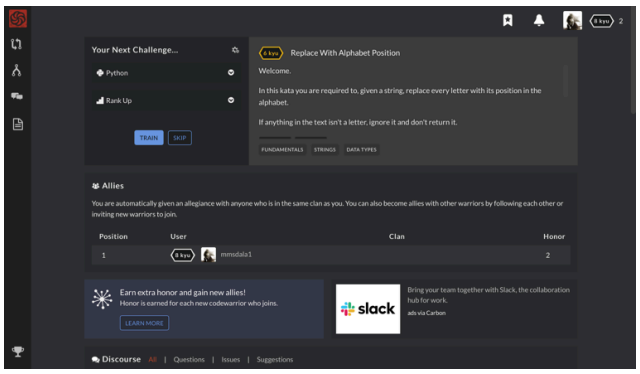


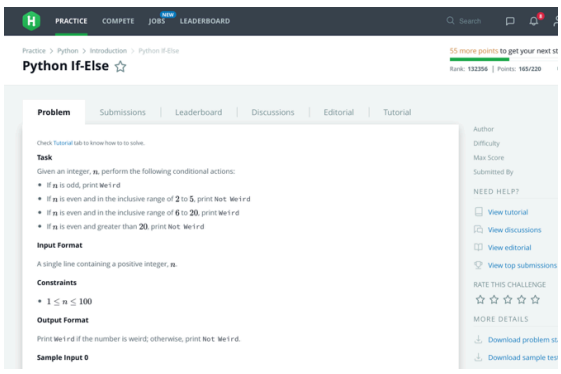


looking for challenges

- Code wars https://www.codewars.com (https://www.codewars.com)
- Hacker rank https://www.hackerrank.com/dashboard (https://www.hackerrank.com/dashboard)

In [97]:
```
display(HTML("<table><tr><td><img src='codewars.png'></td><td><img src='hacker.png'></td></tr></table>"))
```





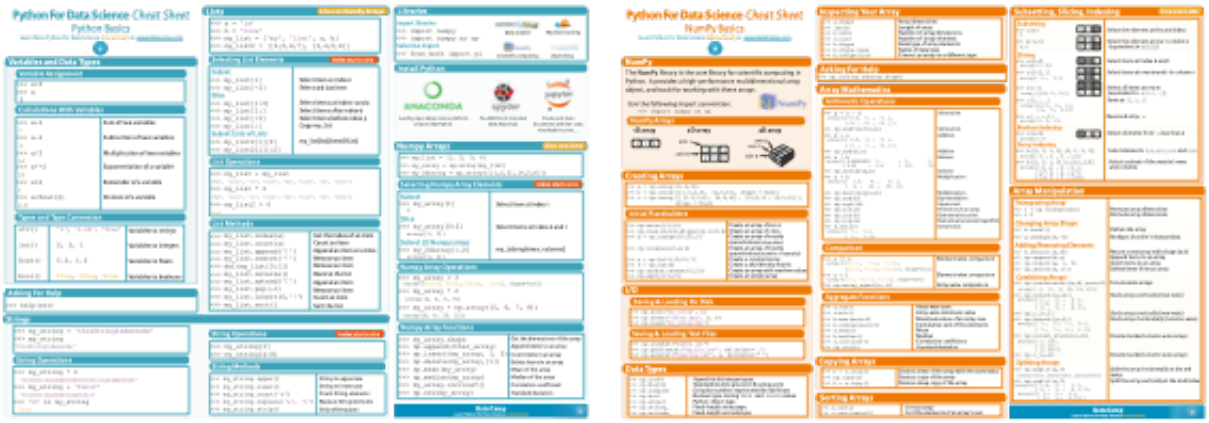
helpful chanells

- Redit https://www.reddit.com (https://www.reddit.com)
- stack over flow https://stackoverflow.com (https://stackoverflow.com)
- Git hub https://github.com (https://github.com)
- W3school https://www.w3schools.com (https://www.w3schools.com)

Cheet sheet

https://s3.amazonaws.com/assets.datacamp.com/blog_assets/PythonForDataScience.pdf (https://s3.amazonaws.com/assets.datacamp.com/blog_assets/PythonForDataScience.pdf)',
https://s3.amazonaws.com/assets.datacamp.com/blog_assets/Numpy_Python_Cheat_Sheet.pdf (https://s3.amazonaws.com/assets.datacamp.com/blog_assets/Numpy_Python_Cheat_Sheet.pdf)'

In [100]:
```
display(HTML("<table><tr><td><img src='https://s3.amazonaws.com/assets.datacamp.com/blog_assets/PythonForDataScience.pdf'></td><td><img src='https://s3.amazonaws.com/assets.datacamp.com/blog_assets/Numpy_Python_Cheat_Sheet.pdf'></td></tr></table>"))
```

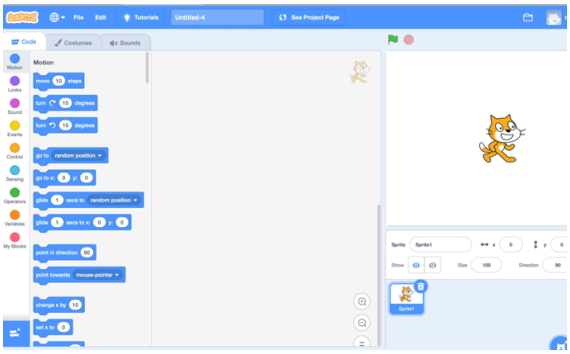


it's Game time

Now you know all the syntax and the functions but you don't know how to connect the pieces together !

- scratch https://scratch.mit.edu (https://scratch.mit.edu)
- codecombat https://codecombat.com/play/ (https://codecombat.com/play/)

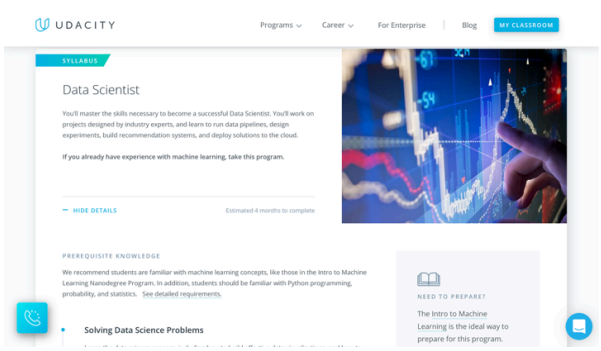
In [103]:
```
display(HTML("<table><tr><td><img src='codecombat.png'></td><td><img src='scratch.png'></td></tr></table>"))
```

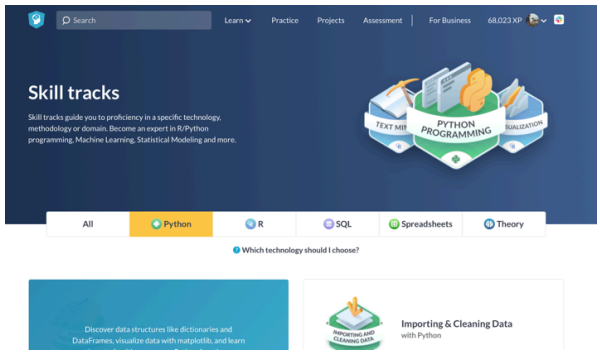


Data Science

- Data Camp https://campus.datacamp.com/ (https://campus.datacamp.com/)
- codecombat https://www.udacity.com/ (https://www.udacity.com/)

In [104]:
```
display(HTML("<table><tr><td><img src='udacity.png'></td><td><img src='datacamp1.png'></td></tr></table>"))
```

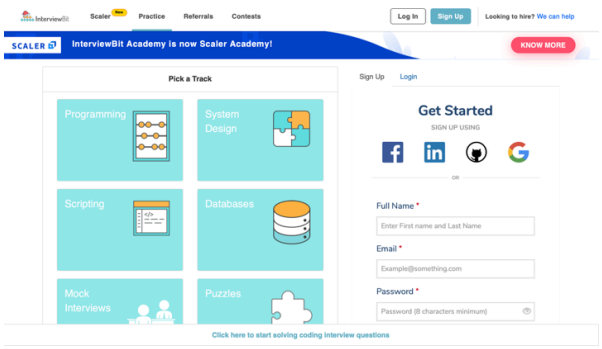


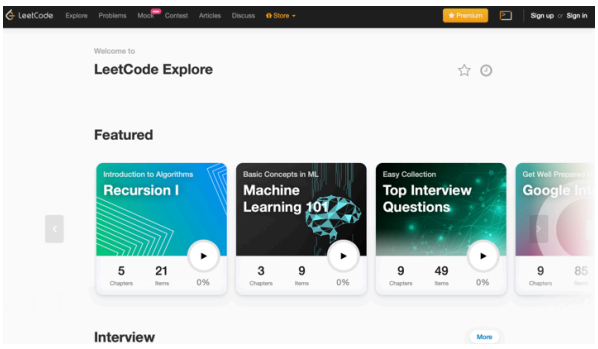


Interview preperation

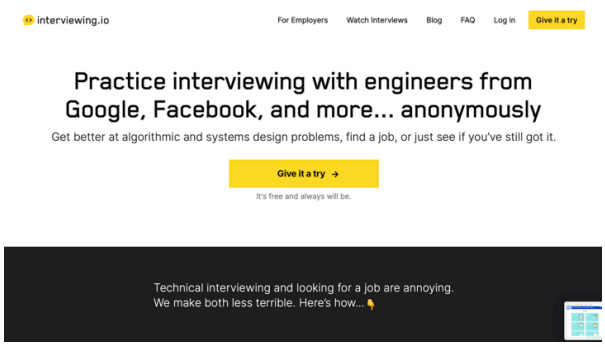
- Interviewing https://interviewing.io (https://interviewing.io)
- Triplebyte https://triplebyte.com/ (https://triplebyte.com/)
- Interviewbit https://www.interviewbit.com/ (https://www.interviewbit.com/)
- Letcode https://leetcode.com/ (https://leetcode.com/)

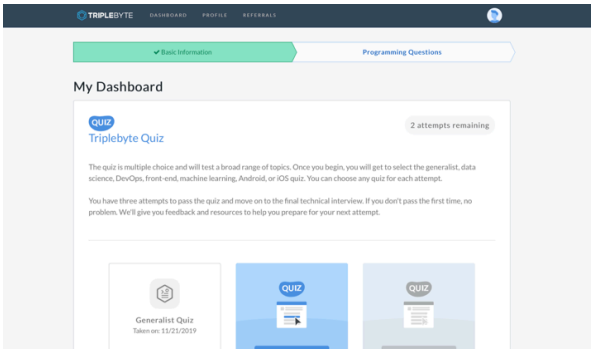
In [106]:
```
display(HTML("<table><tr><td><img src='11.png'></td><td><img src='22.png'></td></tr></table>"))
```





In [107]:
```
display(HTML("<table><tr><td><img src='33.png'></td><td><img src='44.png'></td></tr></table>"))
```





In [ ]:
```

```