

SECTION 20: ADVANCED PYTHON PROJECTS AND DATA STRUCTURES - 41 minutes, 7 parts

7/7 Advanced Python Objects Test - Solutions

- -> this is the solution to the previously given tests
- -> .bin() and .hex() functions for conversions
- -> .round() for rounding
- -> .islower() <- this returns a boolean
- -> .count('w')
- -> then .difference() and .union()
- -> dictionary comprehensions
 - -> cubing all the numbers
 - -> the key way the number and the value was the number cubed
- -> then .reverse() and .sort()

The screenshot displays a Jupyter Notebook interface with the following content:

- nbviewer** | **FAQ** | **IPython** | **Jupyter**
- [Complete-Python-Bootcamp](#) / [Advanced Python Objects - Test - Solutions.ipynb](#)
- Advanced Python Objects Test**
- Advanced Numbers**
- Problem 1: Convert 1024 to binary and hexadecimal representation:**
- In [6]:**

```
print bin(1024)
print hex(1024)
```

0b1000000000
0x400
- Out[22]:** [4, 3, 2, 1]
- Problem 9: Sort the list below**
- In [24]:**

```
l = [3,4,2,5,1]
l.sort()
l
```

Out[24]: [1, 2, 3, 4, 5]
- Great Job!**
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