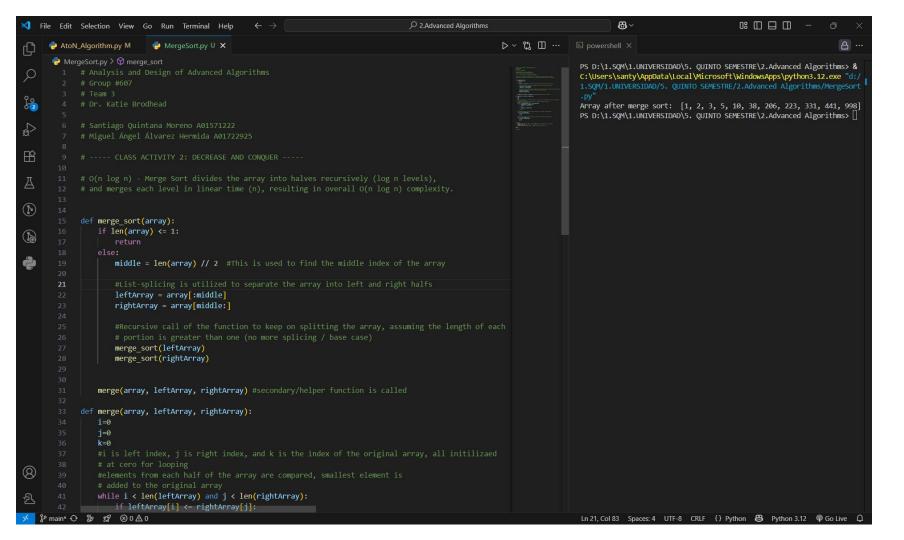


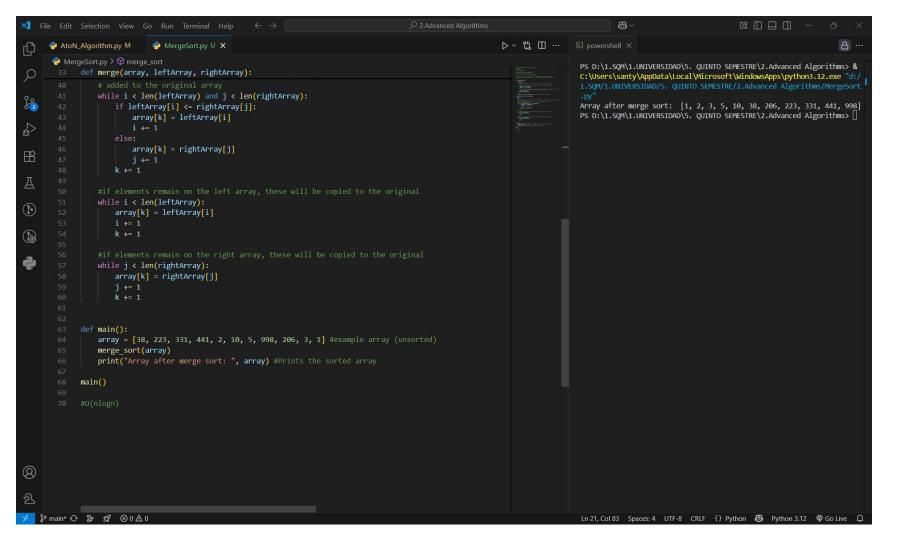
Tecnológico de Monterrey - Campus Monterrey School of Engineering and Sciences Engineering in Computational Technologies Analysis and Design of Advanced Algorithms

Class Activity 2: Decrease and Conquer & Divide and Conquer

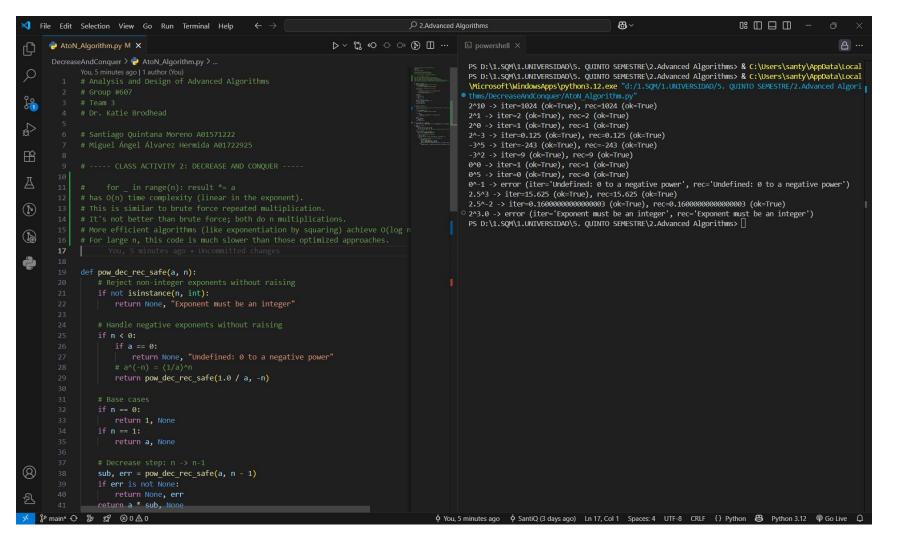
Group: 607 Team #3 Dr. Katie Brodhead

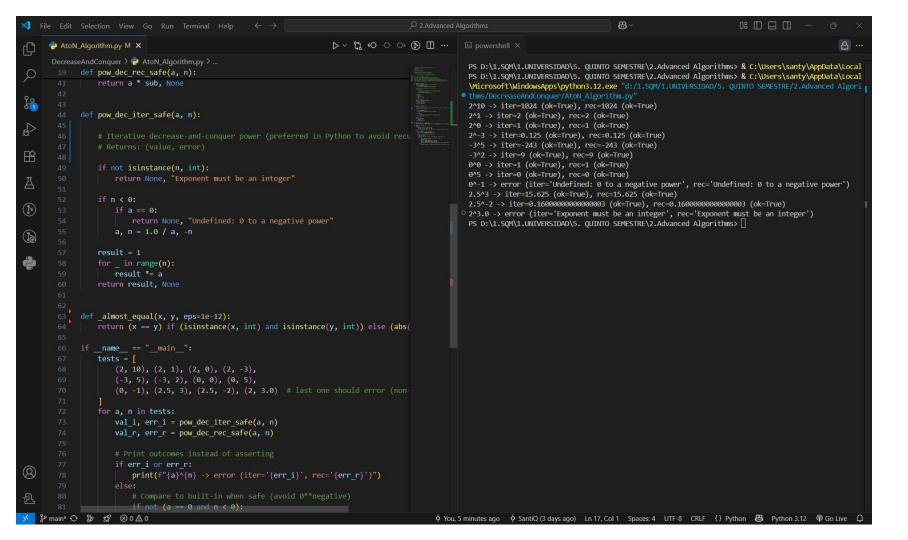
Merge Sort

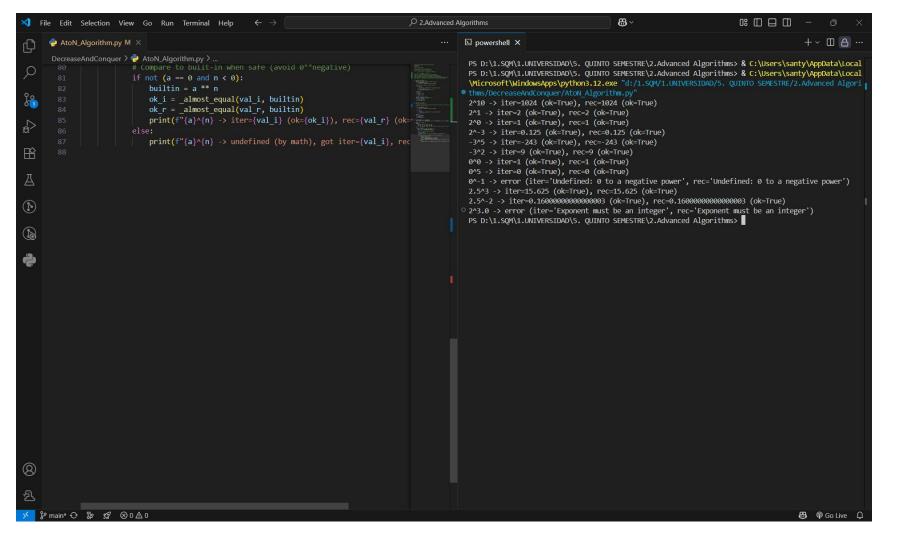




a^n using a conquer method







REFERENCES

GeeksforGeeks. (2025, July 23). Merge Sort in Python. GeeksforGeeks.

https://www.geeksforgeeks.org/python/python-program-for-merge-sort/

Tiwari, A. (2023, February 25). Divide and conquer algorithms in Python. DEV Community.

https://dev.to/thegeekyb0y/divide-and-conquer-algorithms-in-python-5gm8

Learn Data Structures and Algorithms with Python: Divide and Conquer Cheatsheet | Codecademy. (n.d.). Codecademy.

https://www.codecademy.com/learn/learn-data-structures-and-algorithms-with-python/modules/divide-and-conquer/cheatsheet