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| |  | | --- | | Below is a project that you can choose the best way to implement in python.  Post your code to GitHub and send us a link to the repository, if you don't have a GitHub account, you sign up for one at<https://github.com/join>  **Powerball story:**  *As a Greenphire employee I would like to add my favorite 6 numbers to consider for a Powerball entry ticket so that I can win 1 billion dollars.*   * Capture the name of the employees entering the number. * The first 5 favorite numbers will need to be in the range of 1 to 69 and unique. (remember that this is a drawing so there cannot be duplicates in this range of 5 numbers) * 6th favorite number will need to be in the range of 1 to 26 and flagged as the 6th Powerball number. * Keep count of each individual favorite number provided to determine which numbers to use in our final winning number. (i.e. count the duplicates). * Retrieve the max count of each unique duplicate number and use them as the Powerball numbers. * if there is a tie based on the max counts randomly select the tied number. * Display all employees with their corresponding number entries. * Display the final Powerball number based on the requirements above.   *Sample output:*  Enter your first name: Wade  Enter your last name: Wilson  select 1st # (1 thru 69): 12  select 2nd # (1 thru 69 excluding 12): 20  select 3rd # (1 thru 69 excluding 12 and 20): 23  select 4th # (1 thru 69 excluding 12, 20, and 23: 56  select 5th # (1 thru 69 excluding 12, 20, 23, and 56: 30  select Power Ball # (1 thru 26): 25  Wade Wilson 15 26 33 60 34 Powerball: 16  Frank Castle 15 26 34 56 61 Powerball: 16  Powerball winning number:  15 26 34 55 63 Powerball: 16 | |