

Tournament Tracker

Pseudocode

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print welcome message

while number of participants hasn't been chosen
    get number of participants
    if number is 1 or less or more than 1 million
        print 'try again' message

create array of dictionaries with length equal to number of participants

while the user hasn't exited
    print menu
    get menu choice
    if sign up menu choice
        while name not valid
            get participant name
            if participant name has length of one or less
                print 'try again' message
        while starting slot not valid
            get desired starting slot
            if slot isn't filled
                print 'success' message
            else
                print 'try again' message
    else if cancellation menu choice
        while cancellation not valid
            get starting slot
            if within range and not filled
                get name
                if name matches slot
```

```

        print 'success' message
    else
        print 'try again' message
    else
        print 'try again' message
else if view participants menu choice
    while starting slot not valid
        if starting slot within range
            set beginning index to slot - 5
            set end index to slot + 5
            if beginning index less than 0
                set beginning index to 0
            if end index greater than number of participants - 1
                set end index to number of participants - 1
            for every integer from beginning index to end index
                print starting slot plus participant name
        else
            print 'try again' message
else if save changes menu choice
    while save choice not valid
        get save choice
        if save
            open csv file for writing
            write each slot and participants name separated by a comma
            close file
        else if no save
            go back to menu
    else

```

```
        print 'try again' message
else if exit menu choice
    print 'unsaved changes' message
    while save choice not valid
        get save choice
        if exit
            set user exit to true
        else if no exit
            go back to menu
        else
            print 'try again' message
```