

IPO CHART

Program name:	CourseGrades	
INPUT	PROCESS	OUTPUT
Hint: What will the user input?	Hint: What is the program going to do with the input information?	Hint: What will the screen display after user input?
<ul style="list-style-type: none"> - Enter students name. - Enter the score for student # for test # - Name of student whose test you want - Enter name of student who needs their avg. - Enter number of test whose avg is needed. 	<ul style="list-style-type: none"> - 2D array for list 5x12 list - Student name string list - Create a setName method which takes in the name of every student and saves them in the student name list. - Create a setgrades method which takes in the score for every test for every student - Create a get grades method which takes in a name and searches for it against the student names list and if a name matches then all the grades for that student are printed - Showgrades method which shows a spread sheet of all scores 	<p>Please select one of the following options:</p> <ol style="list-style-type: none"> 1. View a Student's Grades 2. View a Spreadsheet of Class Scores 3. View a Student's Average Grade 4. View the Average Grade for a Test 0. QUIT Program

of everyone for every test.

- Studentavg method which takes in a name as a string searches for a match against student list, if a match is found then matching index is used to get all the grades add them together and divide by 5 to get avg
- Testavg method which takes in the number of the test and then if a valid input is given then all students grades on that test are added and then divided by 12 to get the average.
- These methods are repeated based on what the user chooses until they terminate the program.