// The provided course information.

const CourseInfo = {

    id: 451,

    name: "Introduction to JavaScript"

  };

  // The provided assignment group.

  const AssignmentGroup = {

    id: 12345,

    name: "Fundamentals of JavaScript",

    course\_id: 451,

    group\_weight: 25,

    assignments: [

      {

        id: 1,

        name: "Declare a Variable",

        due\_at: "2023-01-25",

        points\_possible: 50

      },

      {

        id: 2,

        name: "Write a Function",

        due\_at: "2023-02-27",

        points\_possible: 150

      },

      {

        id: 3,

        name: "Code the World",

        due\_at: "3156-11-15",

        points\_possible: 500

      }

    ]

  };

// The provided learner submission data.

  const LearnerSubmissions = [

    {

      learner\_id: 125,

      assignment\_id: 1,

      submission: {

        submitted\_at: "2023-01-25",

        score: 47

      }

    },

    {

      learner\_id: 125,

      assignment\_id: 2,

      submission: {

        submitted\_at: "2023-02-12",

        score: 150

      }

    },

    {

      learner\_id: 125,

      assignment\_id: 3,

      submission: {

        submitted\_at: "2023-01-25",

        score: 400

      }

    },

    {

      learner\_id: 132,

      assignment\_id: 1,

      submission: {

        submitted\_at: "2023-01-24",

        score: 39

      }

    },

    {

      learner\_id: 132,

      assignment\_id: 2,

      submission: {

        submitted\_at: "2023-03-07",

        score: 140

      }

    }

  ];

/\* pseudo-code:

1. grab learner\_id from learner submissions object. conditional if id ===125,

and if id ===132. then grab those scores(let?) and divide then from the total

assignment score (another let)

let aScore = but I to LOOP this so it can read every instance of the score. FOR...IN maybe?

(if AssignmentGroup.assignments.id[i] && LearnSubmissions[i].assignment\_id === true)

then take the score amount from LearnSubmissions[i].submission.score

2. add scores from assignments 1 & 2, because 3 is not due yet. I could put the loop to end at 2 in this case.

3. average the total scores from scores from total score count. this happens after I get each score first then I add then to do this calculation.

what variables are we talking about then?

we only have to name these once since they will be iterated like:

a. studentId

b. individualScore

b1.sumofScores - then a variable for the sum of the scores factor in the LATE SUBMISSION

b2. avgScore = sumOfScores / sumOfPtsPossible result to be the average of both of the scores.

c. variable for the average is the total

once we have those values, we need to build the variables in the result. each variable with be the result of a LOOP, so a LOOP inside of another LOOP.

this first LOOP = the one that grabs each student,

stay in this loop to create another LOOP. the one that adds the scores to each assignment and then create averages the totals to create the total average score.

\*/

// function getLearnerData(course, ag, submissions) {

// // here, we would process this data to achieve the desired result.

// const result = [

// {

// id: 125,

// avg: 0.985, // (47 + 150) / (50 + 150)

// 1: 0.94, // 47 / 50

// 2: 1.0 // 150 / 150

// },

// {

// id: 132,

// avg: 0.82, // (39 + 125) / (50 + 150)

// 1: 0.78, // 39 / 50

// 2: 0.833 // late: (140 - 15) / 150

// }

// ];

// return result;

// }

// const result = getLearnerData(CourseInfo, AssignmentGroup, LearnerSubmissions);

// console.log(result);

//  else if (studentId === 132) {

//     for (let i = 0; i < LearnerSubmissions.length ; i++) {

//         let StudentScores = LearnerSubmissions[i].submission.score;

//     console.log(StudentScores);

// };

//    }

// console.log(getLearnerData)

// console.log(LearnerSubmissions[0].learner\_id)

//    What the result should look like

//     const result = [

//       {

//         id: 125,

//         avg: 0.985, // (47 + 150) / (50 + 150)

//         1: 0.94, // 47 / 50

//         2: 1.0 // 150 / 150

//       },

//       {

//         id: 132,

//         avg: 0.82, // (39 + 125) / (50 + 150)

//         1: 0.78, // 39 / 50

//         2: 0.833 // late: (140 - 15) / 150

//       }

//     ];

//     return result;

//   }

//   const result = getLearnerData(CourseInfo, AssignmentGroup, LearnerSubmissions);

//   console.log(result)

// // here, we would process this data to achieve the desired result.

    for (let i = 0; i < LearnerSubmissions.length ; i++) {

        let StudentId = LearnerSubmissions[i].learner\_id;

    console.log(StudentId);

    }

   if (studentId === 125) {//there needs to be a split here if (studentId === 125) BUT THIS SOUNDS LIKE A FILTER WOULD DO A BETTER JOB! {do this} add up the scores. Else if (studentId === 132)

    for (let i = 0; i < LearnerSubmissions.length ; i++) {

        let StudentScores = LearnerSubmissions[i].submission.score;

    console.log(StudentScores);

    }