1. Write a function, scoreExams, that takes an array of arrays of student answers and an array of the correct answers. It should compare each student's answers against the correct answers and return an array holding the scores of each student. The score for each student is a count of the number of correct answers (i.e., matches with the key of correct answers). For example

   const studentAnswers = [[1, 1, 2,4], [2, 1, 2,2], [3, 1, 3,4]];

   const correctAnswers = [3, 1, 2,4];

   scoreExams(studentAnswers, correctAnswers)); --> [3,2,3];

2. Write a function, scoreForecasts, that takes 2 parameters which are each arrays. The first is an array of temperature forecasts. The second is an array of observed temperatures. If the forecast temperature is within 2 degrees of the actual that is 100% accurate. If the forecast is within 5 degrees that is 80% accurate. If it is within 10 degrees that is 60% accurate. If the forecast is outside 10 degrees that is a miss or 0% accurate. scoreForecasts should find the percent accuracy for each forecast and return the average accuracy for a set of forecast temperatures.

   const forecast1 = [80, 90, 85];

   const observed1 = [82, 95, 70];

   scoreForecasts(forecast1, observed1) ;

   1st Temp (80,82) - 2 degrees – 100%

   2nd Temp (90,95) - 5 degrees – 80%

   3rd Temp (85,70) - 15 degrees – 0%

   PercentArray [100,80,0]

   RESULT Average (100 + 80 + 0)/3 = 60

   2. const forecast2 = [80, 80, 80];

   const observed2 = [82, 85, 74];

   scoreForecasts(forecast2, observed2) à

   PercentArray [100,80,60]

   RESULT Average (100 + 80 + 60)/3 = 80

   console.log("expect 60 ", scoreForecasts(forecast1, observed1));

   console.log("expect 80", scoreForecasts(forecast2, observed2));

3. Write a function, firstRowColSum, to determine the sum of first row and first column of a 2-dimensional array and return an array of first row sum and first column sum

   testArr1 = [[1,2,3], [5,2,3], [9,2,3]]

   first row Sum = 1+2+3 = 6

   first column Sum = 1+5+9 ->15

   firstRowColSum (testArr1) à [6, 15]

   testArr2 = [[1, 2], [3, 4], [5, 6]]

   first row Sum = 1+2 =3

   first column Sum = 1+3+5 ->9

   firstRowColSum (testArr2) à [3, 9]

   console.log("expect : [6,15] ", firstRowColSum (testArr1]));

   console.log("expect : [3,9] ", firstRowColSum (testArr2));