```
public void setGrades() {
    for (int row = 0; row < grades[0].length; row++) {
        System.out.println("Enter the grades for " + studentName[row].toUpperCase() + ": ");
        for (int col = 0; col < grades.length; col++) {
            System.out.println("Enter grade " + (col + 1) + ": ");
            grades[row][col] = input.nextInt();
```

Syntax error grades[row][col] shows a out of bounds error.

```
public void setGrades() {
    for (int row = 0; row < grades[0].length; row++) {
        System.out.println("Enter the grades for " + studentName[row].toUpperCase() + ": ");
        for (int col = 0; col < grades.length; col++) {
            System.out.println("Enter grade " + (col + 1) + ": ");
            grades[col][row] = input.nextInt();
        }
        input.nextLine(); // rid the leftover newline
    }
}
```

Fixed by swapping the value of the row and column values

```
public static int linear(String[] array, String wordToFind)
{
    for (int i = 0; i < array.length; i++)
    {
        if (array[i] == (wordToFind))
        {
            return i;
        }
    }
    return -1;
}
```

Syntax error: not correct way to compare words in if statement.

```
public void getGrades() {


    int location = -1;
    do {
        System.out.println("Enter the name of the student you want the grades for: ");
        String student = input.nextLine().toLowerCase();
```

Syntax error: there is an error due to the fact that there is newline left over from previous inputs

```
public void getGrades() {

    System.out.println("Press ENTER to continue: ");
    input.nextLine(); //get rid of the leftover newline

    int location = -1;
    do {
        System.out.println("Enter the name of the student you want the grades for: ");
        String student = input.nextLine().toLowerCase();
```

Fixed by using an input to get rid of the leftover newline.

```java
public class Search {
//Search Class apart of the Grades Application

     public static int linear(String[] array, String wordToFind)
     {
          for (int i = 0; i < array.length; i++)
          {
                  if (array[i].equals(wordToFind))
                  {
                      return i;
                  }
          }
              return -1;
     }
}
```

Fixed by using .equals method.

```java
        case 4:
                System.out.print("Enter the number of the test whose average is required: ");
                int testnum = input.nextInt();

                if(testnum == -1)
                {
                    System.out.println("INVALID test no. Please try again");
                }

                else {
                System.out.println(" The average for this test was " + gb.testAvg(testnum));
                }
                break;

        }
    }
```

Syntax error: need to Compare the test avg because that is what holds the error value of -1 not the test number the user imputed.