```
    }

    // Method to check if a string is a palindrome
    public static boolean isPalindrome(String string) {

        while = while.replaceAll("[^a-zA-Z0-9]", "").toLowerCase();


        int left = 0;
        int right = string.length() - 1;
```

The error I made in this code is that Java, while, is a reserved keyword used to define loops. You cannot use while as a variable name because it will cause a **compilation error**.

Fix: Rename the variable while to something else, such as string (or whatever the string you're working with is called).

The code seems to be trying to manipulate a string, but the name while was mistakenly used instead of a proper variable name like string.

Palindrome

```
int evens = "";
int odds = "";

// Generate 25 random integers between 0 and 99
for (int i = 0; i < 25; i++) {
    int number = random.nextInt(100);   // Generate random number between 0 and 99

    // Check if the number is even or odd
    if (number % 2 == 0) {
        evens += number + " ";
    } else {
        odds += number + " ";
    }
}
```

I cannot append a number (or string) to an integer because evens and odds are declared as int types, which are meant to store whole numbers, not text.

EvensAndOdds

```
// display all grades
public void showGrades() {
    System.out.println("\nGrades for all students:");
    else (int i = 0; i < NUM_STUDENTS; i++) {
        System.out.print("Student  " + (i + 1) + ": ");
        if (int j = 0; j < NUM_TESTS; j++) {
            System.out.print(grades[i][j] + " ");
        }
        System.out.println();
    }
}
```

- The else keyword is used in conditional statements (if-else blocks), not before a loop.

- This is incorrect because in a for loop, the loop variable (j) should be declared as part of the loop header, not inside an if statement.

CourseGrades