Use TypeScript class, interface, etc syntax to implement the following requirement.

Create a Student class which match the following requirement:

Properties: firstname-String type, lastname-String type, grades- an array with each element is number type. Make sure all properties are private.

constructor: used to assign values to above private properties

method:

1) addGrade: this method will take 1 parameter with Number type, it used to add the argument grade into private property grades.

2) computeAverageGrade: this method doesn't have parameter, it returns the average grade for each student.

Changes [illegible]

Q1) In Git, the Special HEAD Pointer always has reference to master or main branch False

Q2). Git is Centralized verstion Control tool False

Q3) Git pull command is used to send commits from local repository to a remote repository ~~True~~ False | Pull is from remote to local repo

Q4). To revert changes that have been committed to local repository, we always use git revert HEAD False

Q5). gid add is used to move files from staging to local repo False

Q6). TypeScript is a Superset of JS, so TS code run in browser too F

Q7). There's no compiler error below:

```
let age=10;
```

True

Q8) There's no compiler error below:

```
abstract class Employee {
        constructor(public fname: String, private lname: String,
                                        salary: number) {
        }}
```

True

Q9) Inside interface, we can have implemented methods False

Q10). An abstract class can extend only 1 other class which doesn't matter abstract or not abstract and can implement multiple interfaces. True

Q11) Which of the following is supported by TS?

→ Modules, Class, Interface, Types, All

Q12) which of following statements declare a variable in TS?

→ const num: number=123 } const num; X (const, we're to anign value)

Q13). To undo Staged changes which means you want to move your changes back to working directory, which command?

```
git restore --staged filename
```

Q14) Command to generate JS file from TS file :- tcs filename.ts

Q15) valid Union type variable :- let emp: (number|String)=1;

```
let emp:[number, String] = [1,"steve"];     TUPLE
let emp: String[]=['steve'];                ARRAY
```