src\accessModifiers.ts

```
1
   //?
                        Parent Class | Child Class | Outside Class |
 2
   //
   //?
              Public
   //?
           Protected
 4
 5
   //?
             Private
 6
 7
    class Persons {
      public name: string;
 8
 9
      age: number;
      private hobbies: string[];
10
11
      constructor(name: string, age: number, hobbies: string[]) {
12
13
        this.name = name;
14
        this.age = age;
15
        this.hobbies = hobbies;
16
      }
17
      introduceParent(): string {
18
        return `Hi, I'm ${this.name} and I'm ${
19
20
        } years old. I love ${this.hobbies.join(",")}.`;
21
22
    }
23
24
   class Students extends Persons {
25
      grade: number;
26
27
      constructor(name: string, age: number, hobbies: string[], grade: number) {
28
29
        super(name, age, hobbies);
30
        this.grade = grade;
31
32
33
      introduce(): string[] {
        // return ` ${super.introduce()} .I am in grade ${this.grade}`;
34
        return this.hobbies;
35
36
37
38
    const persons1: Persons = new Persons("vinod", 12, ["reading", "painting"]);
39
40
    console.log(persons1.introduceParent());
41
42
   const students1: Students = new Students(
43
      "bahadur",
44
45
      25,
     ["coding", "sports"],
46
47
      10
48
   );
49
   console.log(students1.introduce());
50
51
```