1   TypeScript 示例

```typescript
interface StringValidator {
    isAcceptable(s: string): boolean;
}

let lettersRegexp = /^[A-Za-z]+$/;
let numberRegexp = /^[0-9]+$/;

class LettersOnlyValidator implements StringValidator {
    isAcceptable(s: string) {
        return lettersRegexp.test(s);
    }
}

class ZipCodeValidator implements StringValidator {
    isAcceptable(s: string) {
        return s.length === 5 && numberRegexp.test(s);
    }
}

// Some samples to try
let strings = ["Hello", "98052", "101"];

// Validators to use
let validators: { [s: string]: StringValidator; } = {};
validators["ZIP code"] = new ZipCodeValidator();
validators["Letters only"] = new LettersOnlyValidator();

// Show whether each string passed each validator
for (let s of strings) {
    for (let name in validators) {
        let isMatch = validators[name].isAcceptable(s);
        console.log(`'${ s }' ${ isMatch ? "matches" : "does not match" } '${ name
            }'.`);
    }
}
```