

Day 04 – April 21, 2025

TypeScript – MCQ's

1. TypeScript is a library which is backed primarily by:
 - a. Google
 - b. Microsoft**
 - c. Facebook
2. TypeScript is used primarily with what backend language?
 - a. .Net
 - b. Java
 - c. Node.js**
3. TypeScript compiles down to:
 - a. C++
 - b. Java
 - c. JavaScript**
4. For inheritance, TypeScript supports:
 - a. Implements
 - b. :
 - c. Extends**

```
class Animal {  
  
}  
  
class Dog extends Animal {
```
5. Which one is incorrect method to declare a variable?
 - a. let x=999;
 - b. var x:string = "string";
 - c. let anyvar:any=[1,true,"name];**
6. Which one is the correct method to declare a variable?
 - a. var number x=999;
 - b. var x:number=999;**
 - c. var number:x=999;
eg: var name:string = "Abbas";
var id:number = 1
var location:string = "Mysore";
7. TypeScript file has the extension:
 - a. .js
 - b. .ts**
 - c. .html
8. Command for transpiling a .ts file is:
 - a. tsc filename**
 - b. tsd filename
 - c. tsv filename
eg: tsc index.ts
tsc typex.ts

tsc apicall.ts

9. Command for running transpiler in watch mode is:
 - a. tsc filename -v
 - b. tsc filename -w
 - c. tsc filename -m
10. For calling the constructor of parent, keyword used:
 - a. superClass()
 - b. base()
 - c. super()