

Interfaces in typescript are ?

- a) compile time construct
- b) runtime construct

Ans: a

\_\_\_\_\_1

Can typescript classes do both extending and implementing at same time ?

- a) yes
- b) no

Ans: a

\_\_\_\_\_2

Optional properties in typescript can be declared as ?

- a) let x : number
- b) let x ? : number
- c) let x :? number
- d) let x ? number

Ans: b

\_\_\_\_\_3

Statement: Typescript strongly typed nature comes with the rule of duck-typing

Assumption I: TypeScript compiler compare one object with other object by comparing that the both objects have the same

type matching properties/variables.

Assumption II: In TypeScript, interfaces fill the role of naming these types, and are a powerful way of defining contracts

within your code and the code out of the project.

- a) Both I and II are implicit.
- b) only I is implicit.
- c) Only II is implicit.
- d) neither I nor II is implicit.

Ans: b

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Which of the following are correct about typescript duck-typing ?

- a) typescript duck-typing is the feature which brings strong typing feature.
- b) TypeScript compiler compare one object with other object by matching properties/variables.
- c) duck-typing is also called as structural subtyping.
- d) All of the above.

Ans:d

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Which of the following is correct in declaring rest parameters?

- a) using ...
- b) using ?:
- c) using :?
- d) using :

Ans: b

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What is the expected output for the following code ?

```
function add(x: string, y: string): string;  
function add(x: number, y: number): number;  
function add(x, y): any {
```

```
    // your code here  
    if (typeof x == "number")  
        return y + " " + x;  
}
```

```
console.log(add(10,"hello"))
```

- a) compile time error
- b) run-time error
- c) hello 10
- d) none

Ans: c

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Can we implement multiple inheritance as in C# /java using interfaces in typescript ?

- a) yes
- b) no

Ans: a

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Can we use optional parameters if the parameter has default value ?

- a) yes
- b) no

Ans: b

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The way of expressing that property may be present is known as ?

- a) optional parameter
- b) rest parameter
- c) default parameters
- d) none

Ans: a

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