


GYAN PARKASH

 JAVASCRIPT

 TYPESCRIPT

 PORTFOLIO

 ABOUT ME

```
public getPerson(nameOrId?: undefined | string | number): Per
    let argsType = typeof nameOrId;
    if (argsType === 'string') {
        return this.personList.find(p => p.PersonName.toLowercase === nameOrId);
    }
    else if (argsType === 'number') {
        return this.personList.find(p => p.PersonId == nameOrId);
    }
    else if (argsType === 'undefined') {
        return this.personList;
    }
    else {
        throw 'Argument type mismatch';
    }
}
```

Notice the argument nameOrId is optional. Because if i do not pass any argument it will become a type of undefined so it should be optional. Now We have a overloaded method. Let's use this method.

```
let pService = new PersonService();
```

```
let allPersons : Person[] = pService.getPerson();
let amar : Person = pService.getPerson('amar');
let akbar : Person = pService.getPerson(2);
```

```
console.log('All persons : ', allPersons);
console.log('Amar : ' , amar);
```



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