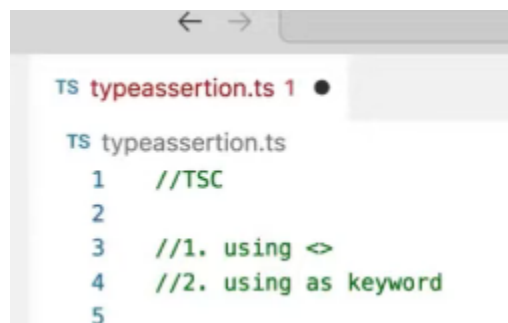


Type assertion in TypeScript is a way to tell the TypeScript compiler that you know more about the type of a value than it does.

Two ways to achieve-



The screenshot shows a code editor window with a tab labeled "TS typeassertion.ts 1". The editor contains the following code:

```
TS typeassertion.ts
1  //TSC
2
3  //1. using <>
4  //2. using as keyword
5
```

```
... typeassert1.ts X
typeassert1.ts > ...
1 //you tell ts that you know more about the data type.
2 //use <> or as for type assertions.
3
4 let totalbill:any=200;
5 let finalbill=<number>totalbill+(-34324.32434)
6 console.log(finalbill) //-34124.32434
7
```

Using as

```
... typeassert2.ts X
typeassert2.ts > ...
1 //you tell ts that you know more about the data type.
2 //use <> or as for type assertions.
3
4 let s1:any="hello guys how are you"
5 let s2=s1 as string;
6 let s3= s2.length
7 console.log(s3) //22
8
9
10
11
12 let s4:any="hello guys how are you"
13 let len=(s4 as string).length
14 console.log(len) //22
15
```

... typeassert3.ts × typeassert2.ts

typeassert3.ts > ...

```
1 //you tell ts that you know more about the data type.  
2 //use <> or as for type assertions.  
3  
4 let flag:any=true;  
5 if(flag as boolean){  
6     console.log("hello world") //hello world  
7 }  
8
```