

```
optionalparam1.ts X defaultparam1.ts 1 defaultparam2.ts 1 defaultparam3.ts 1 defaultparam4.ts
optionalparam1.ts > ...
1 //optional parameters.
2 //??
3 //when you dont pass we get undefined.
4
5 function getinformation(fname:string, age?:number):string{
6     return fname + " " + age
7 }
8
9 let i1=getinformation('tom')
10 console.log(i1) //tom undefined
11
12 // let i2=getinformation(10,'riddle')
13 // //Argument of type 'number' is not assignable to parameter of type 'string'.ts(2345)
14 // console.log(i2)
15
16 let i2=getinformation('tom', -2334.32434)
17 console.log(i2) //tom -2334.32434
```

setLogVerbosity @apollo/client

settimeout Set Timeout Function

Set

StereoPannerNode

selectURI @apollo/client

StorageEvent

Property

make sure default param should not be the first param in the function

```
... defaultparam1.ts 1 x defaultparam2.ts 1 defaultparam3.ts 1 defaultparam4.ts 1
defaultparam1.ts > i3
1 //default param.
2 //it should not be the first parameter in function.
3
4 function setdetails(name:string, age:number=-34324.32432):string{
5     return name + " " + age
6 }
7
8 let i3=setdetails(['karan'])
9 console.log(i3) //karan -34324.32432
10
11 let i4=setdetails('karan', 33434234)
12 console.log(i4) //karan 33434234
13
14
15 // let i5=setdetails( 33434234, 'tom')
16 // //Argument of type 'number' is not assignable to parameter of type 'string'.ts(2345)
17 // console.log(i5)
```

```
... defaultparam2.ts 1 x defaultparam3.ts 1 defaultparam4.ts 1
defaultparam2.ts > i6
1 //default param.
2 //it should not be the first parameter in function.
3 //here we are making it first params.
4
5 function setdetails(name:string='karan', age:number):string{
6     return name + " " + age
7 }
8
9 let i5=setdetails('john', 32434)
10 console.log(i5) //john 32434
11
12
13 let i6=setdetails('', 32434)
14 console.log(i6) // 32434
15
16
17 // let i7=setdetails(32434)
18 // //Argument of type 'number' is not assignable to parameter of type 'string'.ts(2345)
19 // console.log(i7)
```

```
... defaultparam3.ts 1 x defaultparam4.ts 1
defaultparam3.ts > ...
1 //default param.
2 //it should not be the first parameter in function.
3 // here we are making both params default.
4
5 function setdetails(name:string='karan', age:number=324324.32434):string{
6     return name + " " + age
7 }
8
9 var i7=setdetails()
10 console.log(i7) //karan 324324.32434
11
12 var i8=setdetails('t')
13 console.log(i8) //t 324324.32434
14
15 // var i9=setdetails(432432)
16 // //No overload matches this call.
17 // //   Overload 1 of 3, '(name?: string, age?: number): string', gave the following error.
18 // //     Argument of type 'number' is not assignable to parameter of type 'string'.
19 // //   Overload 2 of 3, '(name: string, age?: number): string', gave the following error.
20 // //     Argument of type 'number' is not assignable to parameter of type 'string'.ts(2769)
21 // console.log(i9)
22
23 var i9=setdetails('tiger', -32434324)
24 console.log(i9) //tiger -32434324
```

Try with null and undefined

Ignored and default value selected when its undefined not for null.

defaultparam4.ts X

defaultparam4.ts > ...

```
1 //default param.
2 //it should not be the first parameter in function.
3 // lets try to pass null and undefined.
4
5 function setdetails(name:string='karan', age:number=324324.32434):string{
6     return name + " " + age
7 }
8
9 // var v1=setdetails(null, 324334)
10 // No overload matches this call.
11 //   The last overload gave the following error.
12 //     Argument of type 'null' is not assignable to parameter of type 'string'.ts(2769)
13
14 // var v1=setdetails(undefined, 324334)
15 // console.log(v1) //karan 324334
16
17 // var v1=setdetails('null', 324334)
18 // console.log(v1) //null 324334
19
```

```
18 // console.log(v1) //null 324334
19
20 // var v1=setdetails('undefined', 324334)
21 // console.log(v1) //undefined 324334
22
23 // var v1=setdetails('jimmy', null)
24 // // No overload matches this call.
25 // //   The last overload gave the following error.
26 // //     Argument of type 'null' is not assignable to parameter of type 'number | undefined'.ts(2769)
27 // console.log(v1)
28
29 // var v1=setdetails('jimmy', undefined)
30 // console.log(v1) //jimmy 324324.32434
31
```

```
30 // console.log(v1) //jimmy 324324.32434
31
32 // var v1=setdetails('jimmy', 'null')
33 // // No overload matches this call.
34 // //   The last overload gave the following error.
35 // //     Argument of type 'string' is not assignable to parameter of type 'number'.ts(2769)
36 // console.log(v1)
37
38
39 // var v1=setdetails('jimmy', 'undefined')
40 // // No overload matches this call.
41 // //   The last overload gave the following error.
42 // //     Argument of type 'string' is not assignable to parameter of type 'number'.ts(2769)
43 // console.log(v1)
44
```

```

44
45 // var v1=setdetails(null, null)
46 // // No overload matches this call.
47 // //   The last overload gave the following error.
48 // //     Argument of type 'null' is not assignable to parameter of type 'string'.ts(2769)
49 // console.log(v1)
50
51
52 // var v1=setdetails('null', null)
53 // // No overload matches this call.
54 // //   The last overload gave the following error.
55 // //     Argument of type 'null' is not assignable to parameter of type 'number | undefined'.ts(2769)
56 // console.log(v1)

```

```

56 // console.log(v1)
57
58 // var v1=setdetails(null, 'null')
59 // // No overload matches this call.
60 // //   The last overload gave the following error.
61 // //     Argument of type 'null' is not assignable to parameter of type 'string'.ts(2769)
62 // console.log(v1)
63
64 // var v1=setdetails('null', 'null')
65 // // No overload matches this call.
66 // //   The last overload gave the following error.
67 // //     Argument of type 'string' is not assignable to parameter of type 'number'.ts(2769)
68 // console.log(v1)
69

```

```

69
70
71 // var v1=setdetails(null, undefined)
72 // // No overload matches this call.
73 // //   The last overload gave the following error.
74 // //     Argument of type 'null' is not assignable to parameter of type 'string'.ts(2769)
75 // console.log(v1)
76
77
78 // var v1=setdetails('null', undefined)
79 // console.log(v1) //null 324324.32434
80

```

```

80
81 // var v1=setdetails(null, 'undefined')
82 // // No overload matches this call.
83 // //   The last overload gave the following error.
84 // //     Argument of type 'null' is not assignable to parameter of type 'string'.ts(2769)
85 // console.log(v1)
86
87 // var v1=setdetails('null', 'undefined')
88 // // No overload matches this call.
89 // //   The last overload gave the following error.
90 // //     Argument of type 'string' is not assignable to parameter of type 'number'.ts(2769)
91 // console.log(v1)
92

```

```

92
93
94
95 // var v1=setdetails(undefined, undefined)
96 // console.log(v1) //karan 324324.32434
97
98
99 // var v1=setdetails('undefined', undefined)
100 // console.log(v1) //undefined 324324.32434
101
102 // var v1=setdetails(undefined, 'undefined')
103 // // No overload matches this call.
104 // // The last overload gave the following error.
105 // // Argument of type 'undefined' is not assignable to parameter of type 'string'.ts(2769)
106 // console.log(v1)
107

```

```

107
108 // var v1=setdetails('undefined', 'undefined')
109 // // No overload matches this call.
110 // // The last overload gave the following error.
111 // // Argument of type 'string' is not assignable to parameter of type 'number'.ts(2769)
112 // console.log(v1)
113
114
115
116
117 // var v1=setdetails(undefined, undefined)

```

```

116
117 // var v1=setdetails(undefined, null)
118 // // No overload matches this call.
119 // // The last overload gave the following error.
120 // // Argument of type 'undefined' is not assignable to parameter of type 'string'.ts(2769)
121 // console.log(v1)
122
123
124 // var v1=setdetails('undefined', null)
125 // // No overload matches this call.
126 // // The last overload gave the following error.
127 // // Argument of type 'null' is not assignable to parameter of type 'number | undefined'.ts(2769)
128 // console.log(v1)
129

```

```

129
130 // var v1=setdetails(undefined, 'null')
131 // // No overload matches this call.
132 // // The last overload gave the following error.
133 // // Argument of type 'undefined' is not assignable to parameter of type 'string'.ts(2769)
134 // console.log(v1)
135
136 // var v1=setdetails('undefined', 'null')
137 // // No overload matches this call.
138 // // The last overload gave the following error.
139 // // Argument of type 'string' is not assignable to parameter of type 'number'.ts(2769)
140 // console.log(v1)
141

```

Kept below image as reference –

```
12     return msg + ' ' + name;
13 }
14
15 console.log(setDetails('naveen'));
16 console.log(setDetails('naveen', 'hello'));
17 console.log(setDetails('naveen', undefined));
18
19
```