

J polymorphism.java X

Lab4 > J polymorphism.java > polymorphism

```
1 class A
2 {
3     Tabnine | Edit | Test | Explain | Document
4     int sum(int a, int b)
5     {
6         return a + b;
7     }
8     Tabnine | Edit | Test | Explain | Document
9     int sum(int a, int b, int c)
10    {
11        return a + b + c;
12    }
13
14 class B extends A
15 {
16     Tabnine | Edit | Test | Explain | Document
17     @Override
18     int sum (int a , int b)
19     {
20         return a+b;
21     }
22     Tabnine | Edit | Test | Explain | Document
23     void show()
24     {
25         System.out.println("Sum of 2 numbers: " + super.sum(a: 2, b: 3));
26         System.out.println("Sum of 2 numbers from child class: " + this.sum(a: 2, b: 3));
27         System.out.println("Sum of 3 numbers: " + super.sum(a: 2, b: 3, c: 4));
28     }
29
30 public class polymorphism
31 {
32     Tabnine | Edit | Test | Explain | Document
33     public static void main(String[] args)
34     {
35         B obj = new B();
36         obj.show();
37     }
38 }
```

```
\jdk-25\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\adity\A
ppData\Roaming\Code\User\workspaceStorage\293408b5a80aacb10c1de672ebd0af5e\redhat.java\jdt_ws\oops_1d05072
a\bin' 'polymorphism'
Sum of 2 numbers: 5
Sum of 2 numbers from child class: 5
Sum of 3 numbers: 9
PS C:\Users\adity\WPS Cloud Files\589819343\India-Air-Quality-Dataset-main\oops>
```