

Annotations for Zebra.java

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    reason: inferred type does not conform to declared bound(s)
        inferred: String
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Yes No Unsure

2. How confident are you about the accuracy of your explanation for this error message?

Not at all confident

Somewhat confident

Moderately confident

Highly confident

Completely confident

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*possible
invalid type of
? extends ?*

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Handwritten annotations in the code:

- A green arrow points from the word "String" to the parameter "x" in the constructor of `BlackStripe`.
- A black arrow points from the word "String" to the type argument `<>` in the instantiation of `BlackStripe`.
- The type argument `<>` in the instantiation is underlined in red.
- The parameter `x` in the constructor is underlined in red.
- The type argument `<>` in the class declaration is circled in black.

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*type should extend Number
String doesn't extend Number*

Compiler Output

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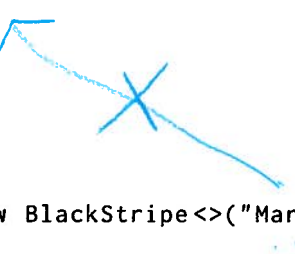
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Number of X

Compiler Output

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Handwritten annotations:

- A red box highlights the `Number` type parameter in the `BlackStripe` class definition.
- A blue asterisk is next to the `Number` type parameter.
- Orange text above the `<>` in line 8 says "x extends Number".
- Red text below the `<>` in line 8 says "x doesn't extend Number".

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inferred to be "empty string",
Should be Number

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extension of number

String doesn't extend Number

String ≠ Number

it is not a Number

Compiler Output

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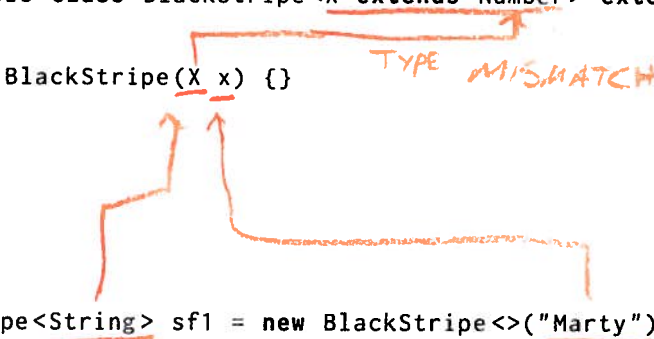
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| ?

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no specified object

Compiler Output

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Handwritten annotations in blue ink: a bracket underlines the parameter `x` in line 5; a '2' is written below the closing brace of `BlackStripe` in line 6; a circle highlights the empty angle brackets `<>` in line 8, with a '1' written below them and a '5' written to the right.

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Handwritten annotations:

- Blue arrow pointing from `String` to `BlackStripe` in line 4.
- Blue text `X = "Marty"` and `String` next to the constructor in line 5.
- Blue underline under `<>` in line 8.

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① x must extend Number

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                        ^
    reason: inferred type does not conform to declared bound(s)
        inferred: String
        bound(s): Number
1 error
```

Questionnaire

1. Have you ever encountered this error message before?
 Yes No Unsure

2. How confident are you about the accuracy of your explanation for this error message?

- Not at all confident
 Somewhat confident
 Moderately confident
 Highly confident
 Completely confident