Go to this website to know the hierarchy-

[Exceptions](https://falkhausen.de/Java-8/javax.lang/Exceptions.html)

Checked exception example-

A screen shot of a computer error

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A close up of a sign

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A screen shot of a computer program

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A screenshot of a computer

Description automatically generated

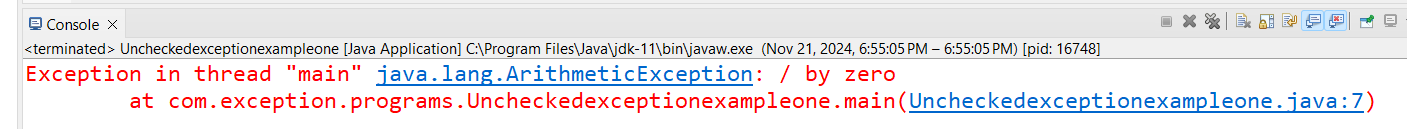
Unchecked exception examples-

A close up of a logo

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A screen shot of a computer program

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To get the message associated with exception-



A screenshot of a computer program

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A screenshot of a computer

Description automatically generated

A close up of words

Description automatically generated

A screen shot of a computer program

Description automatically generated

A screenshot of a computer

Description automatically generated

Throw example-



A screenshot of a computer program

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A black and white screen

Description automatically generated

Slight code change-

A close up of a text

Description automatically generated

A screenshot of a computer program

Description automatically generated

A black and white screen with white text

Description automatically generated

We used **throw** to throw checked exception and since we need to mandatorily handle checked exception, so we use **throws** to propagate to correct area where the exception should be handled.



A screenshot of a computer program

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A screenshot of a computer

Description automatically generated

The above console lines are known as **stack trace.**



A screenshot of a computer program

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A screenshot of a computer

Description automatically generated

Multiple exceptions example-



A screen shot of a computer

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A screenshot of a computer program

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As soon as you use throws and then throw a checked exception, we need to handle it-



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