

Calculator

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| <ul style="list-style-type: none"> • Convert expressions into post- and pre- fix expressions • Resolve post- and pre- fix expressions | <ul style="list-style-type: none"> • Stack • Queue • ExceptionMalformedExpression |
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ExceptionMalformedExpression

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| <ul style="list-style-type: none"> • Signal when an illegal expression is passed to Calculator | |
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Node

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| <ul style="list-style-type: none"> • Contain a reference to data and a pointer to a following Node | <ul style="list-style-type: none"> • Node |
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List

Stack, Queue

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| <ul style="list-style-type: none"> • Implement List ADT functionality such as list insertion, deletion, getting, setting, count, empty. | <ul style="list-style-type: none"> • Node |
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Queue

List

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| <ul style="list-style-type: none"> • Implement Queue ADT functionality such as enqueue, dequeue, front, rear, empty, count | <ul style="list-style-type: none"> • List |
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Stack

List

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| <ul style="list-style-type: none"> • Implement Stack ADT functionality such as push, pop, peek, empty, count | <ul style="list-style-type: none"> • List |
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