**Methods:**

|  |  |
| --- | --- |
| Identifier: | getThirst() |
| Parameters: |  |
| Return Value: | int – The level of thirst of the Rider |
| Other: |  |

|  |  |
| --- | --- |
| Identifier: | adjustThirst(int value) |
| Parameters: | value – Increase the thirst by *value* amount (Note: value can be negative to reduce thirst) |
| Return Value: |  |
| Other: | The method should adjust the thirst of the rider based on the input value, but should prevent it from going outside of the correct value. |

|  |  |
| --- | --- |
| Identifier: | getEnergy() |
| Parameters: |  |
| Return Value: | int – The level of energy of the Rider |
| Other: |  |

|  |  |
| --- | --- |
| Identifier: | adjustEnergy(int value) |
| Parameters: | value – Increase the energy by *value* amount (Note: value can be negative to reduce energy) |
| Return Value: |  |
| Other: | The method should adjust the energy of the rider based on the input value, but should prevent it from going outside of the correct value. |

|  |  |
| --- | --- |
| Identifier: | getHunger() |
| Parameters: |  |
| Return Value: | int – The level of hunger of the Rider |
| Other: |  |

|  |  |
| --- | --- |
| Identifier: | adjustHunger(int value) |
| Parameters: | value – Increase the hunger by *value* amount (Note: value can be negative to reduce hunger) |
| Return Value: |  |
| Other: | The method should adjust the hunger of the rider based on the input value, but should prevent it from going outside of the correct value. |

**Constructor Methods:**

|  |  |
| --- | --- |
| Identifier: | Rider(String name) |
| Parameters: | name – A String representing the name of this Rider |
| Return Value: |  |
| Other: | Hunger, thirst, and energy should be set to random values |

|  |  |
| --- | --- |
| Identifier: | Rider(String name, int thirst, int hunger, int energy) |
| Parameters: | name – A String representing the name of this Rider  thirst – An int representing the initial thirst of the Rider  hunger – An int representing the initial hunger of the Rider  energy – An int representing the initial energy of the Rider |
| Return Value: |  |
| Other: |  |