

Submission	
1) Project is submitted on time in a compressed folder.	_____ / 1
Subtotal:	_____ / 1

Trail Code	
1) Create a class called <code>Trail</code> as a subclass to the <code>Actor</code> class. (NOTE: More than one <code>Trail</code> class will deduct 7 points from your final grade)	_____ / 1
2) Properly create a field variable called <code>timer</code> .	_____ / 2
3) Build a constructor that accepts a <code>Boolean</code> parameter to represent if the <code>Trail</code> is blue.	_____ / 2
4) In the constructor, use the <code>Boolean</code> parameter to affectively set the image of the <code>Trail</code> to the blue <code>Trail</code> or the red <code>Trail</code> .	_____ / 4
5) In the <code>act</code> method, subtract 1 from the <code>timer</code> .	_____ / 1
6) If the <code>timer</code> is below zero AND the <code>Trail</code> is touching a <code>Bike</code> , it should remove the <code>Bike</code> it is touching from the screen.	_____ / 3
Subtotal:	_____ / 13

Bike Code	
1) Create a class called <code>Bike</code> as a subclass to the <code>Actor</code> class. (NOTE: More than one <code>Bike</code> class will deduct 7 points from your final grade)	_____ / 1
2) Properly create exactly 5 field variables (1 <code>Boolean</code> and 4 <code>Strings</code>).	_____ / 6
3) Build a constructor that accepts a <code>Boolean</code> parameter to represent if the <code>Bike</code> is blue.	_____ / 2
4) In the constructor, use the <code>Boolean</code> parameter to affectively set the image of the <code>Bike</code> to the blue <code>Bike</code> or the red <code>Bike</code> .	_____ / 4
5) In the constructor, set the controls (<code>Strings</code> up, down, left, and right) to the proper <code>Strings</code> based on the color of the <code>Bike</code> .	_____ / 4
6) Properly create a <code>buildTrail()</code> method which takes in no parameters.	_____ / 1
7) In <code>buildTrail()</code> , build a <code>Trail</code> object with the <code>Boolean</code> parameter of the <code>Bike</code> 's current color. Add this <code>Trail</code> at the same location of the <code>Bike</code> .	_____ / 4
8) Properly create a <code>movement()</code> method which takes in no parameters.	_____ / 1
9) In <code>movement()</code> , check if the <code>String</code> controls are being pressed and adjust the rotation of the <code>Bike</code> properly. (NOTE: You will lose 5 points if you use the <code>turn()</code> command.)	_____ / 6
10) In the <code>act()</code> method, call <code>buildTrail()</code> and <code>movement()</code> .	_____ / 2
Subtotal:	_____ / 31

MyWorld Code	
1) Create a class called <code>MyWorld</code> as a subclass to the <code>World</code> class. (NOTE: More than one <code>World</code> class will deduct 7 points from your final grade)	_____ / 1
2) Properly create a <code>buildBikes()</code> method which takes in no parameters.	_____ / 1
3) Properly build two different <code>Bike</code> objects and add them to the proper locations with the adequate rotations.	_____ / 7
4) Adjust the size of <code>MyWorld</code> to 1000 x 775.	_____ / 1
5) In the constructor, call <code>buildBikes()</code> .	_____ / 1
Subtotal:	_____ / 11

Total:	_____ / 56
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