

Node Coverage with DataFlow

Function Covered: Simulation in Simulation.java

Group Members: Jasmeet Singh, Ahras Ali, Bulbul Arora

Start Node



End Node

return null;

Test Paths

- 1. {1,2,4}
- 2. {1,2,3,5,6,18}
- 3. {1,2,3,5,6,7,8}
- 4. {1,2,3,5,6,7,9,10,11,12,14,15,5,6,18}
- 5. {1,2,3,5,6,7,9,10,11,12,14,15,6,7,8}
- 6. {1,2,3,5,6,7,9,10,11,12,14,15,16,17}
- 7. {1,2,3,5,6,7,9,10,11,12,13,14,15,16,17}
- 8. {1,2,3,5,6,7,9,10,11,12,13,14,10,11,12,13,14,15,5,6,18}
- 9. {1,2,3,5,6,7,9,10,11,12,13,14,10,11,12,13,14,15,5,6,7,8}
- 10. {1,2,3,5,6,7,9,10,11,12,13,14,10,11,12,13,14,15,16,17}
- 11. {1,2,3,5,6,7,9,10,11,12,13,14,15,5,6,18}
- 12. {1,2,3,5,6,7,9,10,11,12,13,14,15,5,6,7,8}

DU Pairs

- 1. $\max = \{1,13\} \{13,16\}$
- 2. step = $\{1,12\}$ $\{1,14\}$ $\{1,16\}$
- 3. totalTime = $\{1,15\}$ $\{15,15\}$
- 4. velocity = {3,11} {14,14}
- 5. barrelPose = $\{3,3\}$
- 6. intialSpeed = $\{3,3\}$
- 7. externalForce = {3,9}
- 8. $p = \{3,10\} \{11,13\} \{13,15\} \{13,16\}$
- 9. acceleration = {9, the 14}