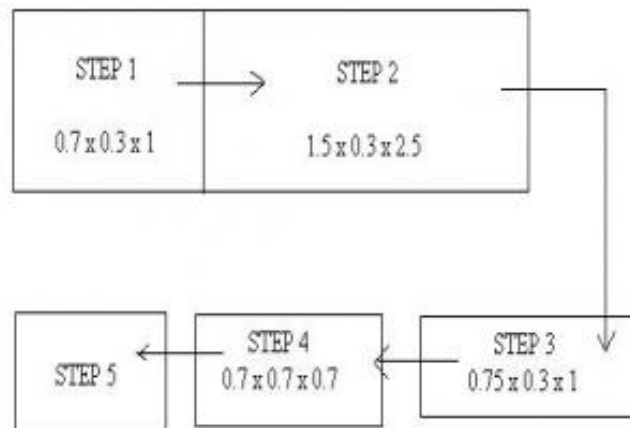


**Team Name:** xyz **College/University:** ABC college

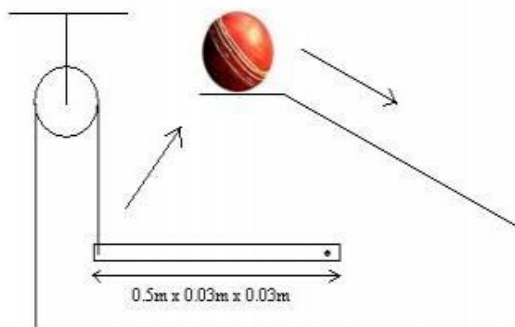
**Aim:** To light a bulb

**Materials Required:** Strings, Pulley, Rod/Bar ,Ball, Flat strips of wood/thermocol, Remote controlled toy car, Bottle with water, Bucket, Wires, Aluminium foil, Thermocol, Fevicol, Tape, Soldering material, etc.

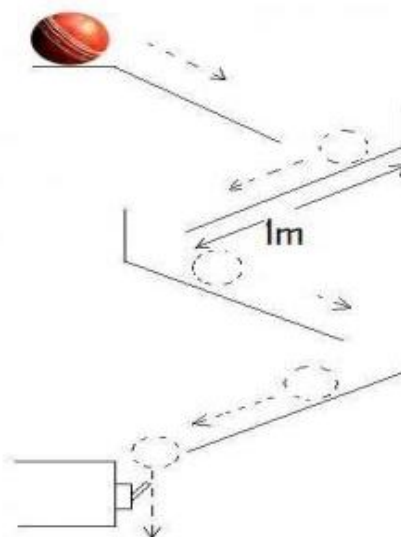
### STEP 1:



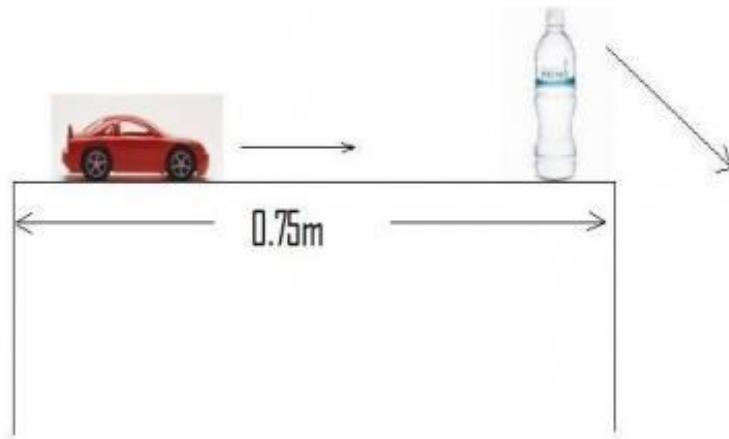
**STEP 2:** We pull a string which is attached to a hinged bar. The bar rotates and hits a ball.



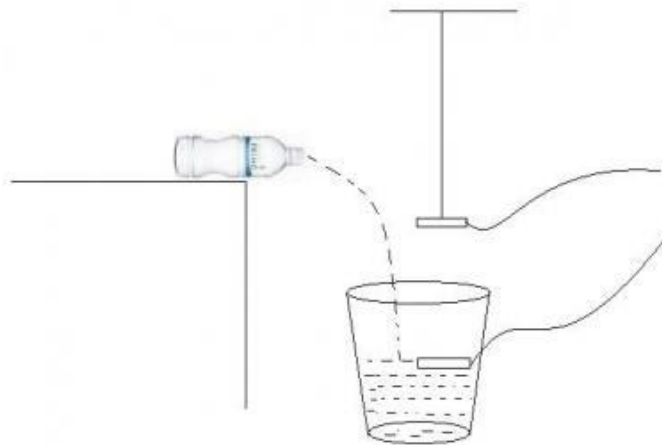
The ball falls through a zigzag path and hits a remote control



**STEP 3:** The remote control activates a car which moves to hit a bottle of water.



**STEP 4:** As the bottle falls, the water spills out and falls into a bucket.



**STEP 5:** A thermocol piece rises along with the water and as soon as it touches its counterpart, the circuit is completed through the aluminium foil on the surface of the thermocol and the bulb glows.

