Project Title: Auto-bot

Team Members:
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Implementation Steps:
1. First Week: design the bot and motor layout and design how it will transform from bot to car and vice-versa.
2. Second Week: construct mechanical body of the bot and attach the motors to move the joints.
3. Third Week: Write arduino program to move motors using remote control, and attach arduino and complete bot's circuit.
4. Fourth Week: Testing and Debugging and minor improvements to the bot.

Component Index:
1. Metal pieces for bot body.
2. Motors for bot joints.
3. Remote control.
4. Arduino.
5. Toy tyre, screw etc...
6. Battery

Estimated Cost: less than Rs. 4000

What we expect to learn: Using various types of motors and Arduino programming to move them by fixed angles, also learning how remote control works, and making a mechanical body which can be changed from bot to car and vice versa.