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| **Input** | **Process** | **Output** |
| Initialize:   * Prompt user for current Year and Make of vehicle * Accelerate Button * Brake Button * Exit Button | **CLASS LIBRARY:**  Prompt user for input  Class Car (year, make)   * Year – take from input * Make -tale from input * Speed – current speed -initialize at ‘0’   Accelerate Method – add 5 mph each click  Brake Method – subtract 5 mph each click  **Main Program:**  Call initial prompt for input  Onclick, call either Accelerate Method or Brake Method. | Initialize:  “What is your vehicles Make (ie; Honda Accord)?”  “What is the year of your vehicle?  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Display vehicle Year and Model along with starting speed of “0” mph  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  -Accelerate button = +5 to speed  -Brake button = -5 to speed (error if speed<0)  -Exit button = exit program |