

## JavaScript Events Project - License Plate Generator



Different places use different patterns for their license plates. For example, PA and NY use AAA-NNNN, New Jersey uses AAA-NNA and Delaware uses NNNNNN (A means a letter from A-Z and N represents a number from 0-9). Create a program that uses a select box to allow the user to choose the state (the user choice can be gathered using `document.getElementById().value` as long as each option element has a value attribute). Then, display the resulting 6 or 7 digit plate. Grading will be primarily based on if the code works, with secondary consideration given to the efficiency of the code (functions, conditions, etc) and tertiary points awarded based on design and user interaction. Extra points will be given for students that can display the plate number in a visual format that would represent an image of the resulting plate (such as above).