```javascript
document.getElementById('generate').addEventListener('click', function() {
  var length = document.getElementById('length').value;
  var includeLetters = document.getElementById('letters').checked;
  var includeNumbers = document.getElementById('numbers').checked;
  var includeSymbols = document.getElementById('symbols').checked;
  var password = generatePassword(length, includeLetters, includeNumbers, includeSymbols);

  document.getElementById('password').value = password;
});
```

```javascript
function generatePassword(length,
useLetters, useNumbers, useSymbols) {
  var characters = '';
  if (useLetters) characters +=
'abcdefghijklmnopqrstuvwxyzABCDEFGHIJ
KLMNOPQRSTUVWXYZ';
  if (useNumbers) characters +=
'0123456789';
  if (useSymbols) characters += '!@#$
%^&*()_+-=[]{}|;:,.<>?';

  var password = '';
  for (var i = 0; i < length; i++) {
    password +=
characters.charAt(Math.floor(Math.random
() * characters.length));
  }
  return password;
}
```