Test Cases for *validatePackage* function:

1. Valid package:
   * Input: weight = 500, size = 0.5, destination = {row: 3, col: 5}
   * Expected output: 1 (Valid package)
2. Invalid weight (less than 0):
   * Input: weight = -10, size = 0.5, destination = {row: 3, col: 5}
   * Expected output: 0 (Invalid weight)
3. Invalid weight (greater than MAX\_TRUCK\_WEIGHT):
   * Input: weight = 1200, size = 0.5, destination = {row: 3, col: 5}
   * Expected output: 0 (Invalid weight)
4. Invalid size (not one of the predefined values):
   * Input: weight = 500, size = 0.75, destination = {row: 3, col: 5}
   * Expected output: 0 (Invalid size)
5. Invalid destination (out of map boundaries):
   * Input: weight = 500, size = 0.5, destination = {row: 30, col: 25}
   * Expected output: 0 (Invalid destination)
6. Invalid destination (destination is an obstacle):
   * Input: weight = 500, size = 0.5, destination = {row: 2, col: 5}
   * Expected output: 0 (Invalid destination)
7. Valid package (minimum weight and size):
   * Input: weight = 1, size = 0.1, destination = {row: 1, col: 1}
   * Expected output: 1 (Valid package)
8. Valid package (maximum weight and size):
   * Input: weight = 1000, size = 1.0, destination = {row: 24, col: 24}
   * Expected output: 1 (Valid package)

Test Cases for *validateTruck* function:

1. Valid truck:
   * Input: Truck with weight = 800, size = 25.0; Package with weight = 500, size = 0.5
   * Expected output: 1 (Truck can handle the package)
2. Invalid weight (truck cannot handle the package):
   * Input: Truck with weight = 800, size = 25.0; Package with weight = 900, size = 0.5
   * Expected output: 0 (Truck cannot handle the package due to weight)
3. Invalid size (truck cannot handle the package):
   * Input: Truck with weight = 800, size = 25.0; Package with weight = 500, size = 30.0
   * Expected output: 0 (Truck cannot handle the package due to size)
4. Invalid weight and size (truck cannot handle the package):
   * Input: Truck with weight = 800, size = 25.0; Package with weight = 900, size = 30.0
   * Expected output: 0 (Truck cannot handle the package due to weight and size)
5. Valid truck (maximum weight and size):
   * Input: Truck with weight = 1000, size = 36.0; Package with weight = 500, size = 20.0
   * Expected output: 1 (Truck can handle the package)
6. Valid truck (maximum weight, size, and already loaded to its maximum):
   * Input: Truck with weight = 1000, size = 36.0; Package with weight = 0, size = 0.0
   * Expected output: 1 (Truck can handle the package)
7. Invalid truck (already loaded to its maximum, and package size is too large):
   * Input: Truck with weight = 800, size = 25.0; Package with weight = 0, size = 25.1
   * Expected output: 0 (Truck cannot handle the package due to size)
8. Valid truck (maximum weight, size, and package with minimum size and weight):
   * Input: Truck with weight = 1000, size = 36.0; Package with weight = 1, size = 0.1
   * Expected output: 1 (Truck can handle the package)