# list [Arrays in JS] = use to store multiple items in same variable  
  
food *=* ['pizza', 'hamburger', 'hotdog', 'spagetti', 'pudding']  
# print(food) # ['pizza', 'hamburger', 'hotdog', 'spagetti', 'pudding']  
  
# replace  
food[0] *=* 'sushi' # ['Sushi', 'hamburger', 'hotdog', 'spagetti', 'pudding']  
  
# print(food[3]) # 'spagetti'  
# print(food)  
  
# FUNCTIONS for lists  
# food.append('ice cream') sushi-hamburger-hotdog-spagetti-pudding-ice cream-  
# food.remove('sushi') hamburger-hotdog-spagetti-pudding-  
# food.pop() sushi-hamburger-hotdog-spagetti-  
# food.insert(0, 'cake') cake-Sushi-hamburger-hotdog-spagetti-pudding  
# food.sort() hamburger-hotdog-pudding-spagetti-sushi  
# food.clear() reurns nothing- food has been cleared  
  
for x in food*:* print*(*x, end*=*"-"*)* # Sushi-hamburger-hotdog-spagetti-pudding-

# 2D lists (multi dimmension) = a list of lists  
  
drinks *=* ['coffee', 'soda', 'tea']  
dinner *=* ['pizza', 'hamburger', 'hotdog']  
dessert *=* ['cake', 'ice cream']  
  
food *=* [drinks, dinner, dessert]  
print*(*food*)*# [['coffee', 'soda', 'tea'], ['pizza', 'hamburger', 'hotdog'],  
# ['cake', 'ice cream']]  
  
print*(*food[0]*)* # ['coffee', 'soda', 'tea']  
print*(*food[0][1]*)* # soda  
print*(*food[2][2]*)* # IndexError: list index out of range