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| **Replace list elements**  100xp  Replacing list elements is pretty easy. Simply subset the list and assign new values to the subset. You can select single elements or you can change entire list slices at once.  Use the IPython Shell to experiment with the commands below. Can you tell what's happening and why?  x = ["a", "b", "c", "d"]  x[1] = "r"  x[2:] = ["s", "t"]  For this and the following exercises, you'll continue working on the areas list that contains the names and areas of different rooms in a house.  **Instructions**   * You did a miscalculation when determining the area of the bathroom; it's 10.50 square meters instead of 9.50. Can you make the changes? * Make the areas list more trendy! Change "living room" to "chill zone". | # Create the areas list  areas = ["hallway", 11.25, "kitchen", 18.0, "living room", 20.0, "bedroom", 10.75, "bathroom", 9.50]  # Correct the bathroom area  # Change "living room" to "chill zone" |