```
Which of these is an invalid dictionary (will result in a TypeError when trying to run)?
    {["apple", "orange"]: "fruit", ["broccoli"]: "vegetable", ["salt", "paprika", "saffron"]: "spice"}
      Lists cannot be the keys of a dictionary, because they are mutable.
    {2: ["apple", "orange"], 1: ["broccoli"], 3: ["salt", "paprika", "saffron"]}
    {"fruit": "apple", "vegetable": 100, "spice": ["salt", "paprika", "saffron"]}
What will the following code output?
 conference_rooms = ["executive", "hopper", "lovelace", "pod", "snooze booth"]
  capacity = [7, 20, 6, 2, 1]
 room_dict = {key:value for key, value in zip(conference_rooms, capacity)}
 print(room_dict)
    [("executive", 7), ("hopper", 20), ("lovelace", 6), ("pod", 2), ("snooze booth", 1)}
    {"executive": 7, "hopper": 20, "lovelace": 6, "pod": 2, "snooze booth": 1}
```

Yes! The conference_rooms list becomes the keys, and the capacity list becomes the values.

```
Which of these dictionaries has integers as the keys and strings as the values?

zipcodes = {"Alabama":35801, "Alaska":99501, "Oregon":97201, "Vermont":05751, "New Jersey":07039}

zipcodes = {35801: "Alabama", "No Value": "N/A", "APO": "Overseas"}

zipcodes = {35801: ["Huntsville", "Montgomery"], 99501: ["Anchorage"], 97201: ["Portland", "Salem"], 05751: ["Burlington", "Montpelier", "Rutland"], 07039: ["Hoboken"]}

zipcodes = {35801: "Alabama", 99501: "Alaska", 97201: "Oregon", 05751: "Vermont", 07039: "New Jersey"}

Yes! The keys, like 35801, are integers. The values, like "Alabama", are strings.
```

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What is the value of inventory after this code is run?

inventory = {"iron spear": 12, "invisible knife": 30, "needle of ambition": 10, "stone glove": 20}

inventory["invisible knife"] = 40
inventory["mithril shield"] = 25

{"iron spear": 12, "invisible knife": 70, "needle of ambition": 10, "stone glove": 20}

{"iron spear": 12, "invisible knife": 70, "needle of ambition": 10, "stone glove": 20, "mithril shield": 25}

{"iron spear": 12, "invisible knife": 40, "needle of ambition": 10, "stone glove": 20, "mithril shield": 25}

**Yes! The value of "invisible knife" has been overwritten and a value for "mithril shield" has been
```

added.

