

## JSON Practice Questions (10)

1. Convert the JSON string `{'name': 'Alex', 'age': 22, 'city': 'Chennai'}` into a Python dictionary.
2. Convert the dictionary `{'id': 101, 'product': 'Laptop', 'price': 55000}` into a JSON string.
3. Read a JSON file named `data.json` and print all key-value pairs.
4. Write the dictionary `{'name': 'Mia', 'age': 24, 'grade': 'A'}` into a JSON file `student.json`.
5. From JSON `{'employee': {'name': 'John', 'age': 30, 'department': 'HR'}}`, print only the department.
6. Update the dictionary `{'name': 'Raj', 'age': 45}` by changing age to 50 and convert it to JSON.
7. Read a JSON list `['red', 'green', 'blue']` and print the second item.
8. From JSON `{'users': [{'id': 1, 'name': 'Alex'}, {'id': 2, 'name': 'Mia'}]}`, print all user names.
9. Add a new key `'country': 'India'` to `{'name': 'Sam', 'age': 28}` and convert back to JSON.
10. Create `items.json` with `[{'item': 'Pen', 'price': 10}, {'item': 'Book', 'price': 50}, {'item': 'Bag', 'price': 700}]` and print total cost.