

## **Real-Life Problems Based on Inheritance (Sentence Form)**

1. A company needs a system to manage different types of employees such as managers, developers, and interns, each having unique attributes.
2. An automobile dealership wants to categorize vehicles like cars, bikes, and trucks, each with specific characteristics.
3. An e-commerce website must handle multiple product types like electronics, clothing, and groceries with additional details for each.
4. A bank requires an application to manage savings, current, and loan accounts with distinct behaviors and properties.
5. A hospital system should differentiate between doctors, patients, and nurses while maintaining shared personal details.
6. A university portal needs to represent students, faculty, and staff members with some common and some role-specific data.
7. A restaurant billing system should handle various menu items such as beverages, food items, and desserts, all requiring price calculations.
8. A smart home application must manage different devices like smart lights, thermostats, and locks with shared and unique functionalities.
9. A zoo management system wants to track animals by classifying them into mammals, birds, and reptiles with species-specific attributes.
10. A library database system should differentiate between books, magazines, and DVDs while storing common catalog information.