

## 20 Real-World Python Dictionary Programs (Without Solutions)

### 1. Store and Display Contact Details

Write a program to store and display contact names and numbers using a dictionary.

### 2. Student Marks Database

Create a program that stores student names and their marks. Allow user to search by name.

### 3. E-commerce Product Inventory

Build a program that maintains inventory for products and allows querying product availability.

### 4. Currency Converter

Make a currency converter using a dictionary for exchange rates.

### 5. Employee Salary Record

Write a program to store employee IDs and their salaries. Let user retrieve salary by ID.

### 6. Bookstore Management

Simulate a bookstore that issues books and tracks remaining stock using dictionaries.

### 7. Voting System

Create a simple voting system that determines the winner based on vote counts.

### 8. Grocery Price Lookup

Design a grocery price lookup system using a dictionary of item-price pairs.

### 9. Hospital Room Allocation

Track hospital room status (available/occupied) and check status by room number.

### 10. Railway Station Codes

Convert railway station codes to full station names using dictionary lookups.

### 11. Car Rental System

Manage car rental availability for different car types.

## 12. Movie Ticket Booking

Track seat booking status and allow user to check if a seat is available or booked.

## 13. Online Exam Scoreboard

Display a scoreboard of student names and their scores.

## 14. Airport Code Directory

Match airport codes to their city names using a dictionary.

## 15. School Timetable

Store and display subject schedules for each weekday.

## 16. Covid Vaccination Tracker

Maintain a vaccination status tracker based on Aadhar numbers.

## 17. Music Playlist Tracker

List songs in a playlist with their durations.

## 18. City Temperature Checker

Provide temperature information for different cities.

## 19. ATM Bank Balance

Simulate an ATM system that shows the balance for a given account number.

## 20. Resume Skill Set

Store a person's name and list of skills, then display them formatted.