**Library Management System**

📘 **Books Table Data**

| **book\_id** | **title** | **author** | **genre** | **available** |
| --- | --- | --- | --- | --- |
| 1 | The Alchemist | Paulo Coelho | Fiction | TRUE |
| 2 | Wings of Fire | A.P.J. Abdul Kalam | Biography | TRUE |
| 3 | Harry Potter | J.K. Rowling | Fantasy | FALSE |
| 4 | Think and Grow Rich | Napoleon Hill | Self-help | TRUE |
| 5 | The Theory of Everything | Stephen Hawking | Science | TRUE |

🎓 **Students Table Data**

| **student\_id** | **name** | **age** | **class** | **join\_date** |
| --- | --- | --- | --- | --- |
| 1 | Ravi Kumar | 15 | 10A | 2023-06-10 |
| 2 | Sneha Sharma | 14 | 9B | 2023-07-01 |
| 3 | Amit Verma | 16 | 11C | 2023-08-15 |
| 4 | Priya Singh | 13 | 8A | 2023-05-20 |
| 5 | Karan Joshi | 17 | 12B | 2023-09-25 |

# 🡪 **📋 SQL Test Questions – Library Management System**

1. **Find the total price of all the books.**  
   *(Assuming price column exists — you can add prices if needed.)*
2. **What is the title of the book with book\_id = 3?**  
   (Answer: *Harry Potter*)
3. **Update the title of the book "Think and Grow Rich" to another name of your choice.**
4. **List full details of all books whose price is an even number.**
5. **Delete all books whose genre is "FANTASY" (case-insensitive).**  
   *(So, delete the book "Harry Potter")*
6. **Find names of all students who have issued books.**  
   *(Assuming students and issued\_books tables exist)*
7. **List all books along with names of students who have issued them, including available books (not issued).**
8. **Find students who have not issued any books.**
9. **Find book titles containing the word "Fire" (case-insensitive).**  
   *(E.g., "Wings of Fire")*
10. **Update all book titles to uppercase letters.**