**Office**

|  |  |  |  |
| --- | --- | --- | --- |
| **OfficeNo** | **OfficeName** | **Location** | **PhoneExtention** |
| 1 | Headquarters | Islamabad | 1001 |
| 2 | Finance | Lahore | 2002 |
| 3 | IT Department | Karachi | 3003 |
| 4 | HR Department | Lahore | 4004 |

**Employee**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **EmployeeID** | **Name** | **OfficeNo** | **Department** | **JobTitle** |
| 101 | Ali Jawad | 4 | HR | Manager |
| 103 | Sara Dua | 3 | IT | Software Engineer |
| 104 | Dawood Ali | 4 | HR | Recruiter |
| 106 | Fraz Tahir | 3 | IT | System Administrator |
| 107 | Grace White | 2 | Finance | Financial Analyst |

**Inventory**

|  |  |  |  |
| --- | --- | --- | --- |
| **InventoryID** | **ItemName** | **Category** | **Quantity** |
| 201 | Laptop | Electronics | 10 |
| 202 | Printer | Electronics | 5 |
| 204 | Desk Chair | Furniture | 20 |
| 206 | Server | Electronics | 2 |
| 207 | File Cabinet | Furniture | 15 |
| 208 | Pen holder | Accessories | 40 |

**InventoryAssignment**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **AssignmentID** | **EmployeeID** | **InventoryId** | **DateAssigned** | **QuantityAssigned** | **Status** |
| 301 | 103 | 201 | 2025-02-01 | 1 | Returned |
| 302 | 101 | 202 | 2025-02-02 | 1 | Assigned |
| 304 | 104 | 204 | 2025-02-04 | 2 | Assigned |
| 306 | 106 | 201 | 2025-02-06 | 1 | Returned |
| 307 | 103 | 207 | 2024-02-07 | 2 | Assigned |

Write a query to return the total items in inventory.

Quantity assigned should be subtracted from total quantity and in case of returned status quantity

should be added.

Display the result with respect to category