**:- ----- DAVIS-EXCEL-PRACTICES-BY NEEL KARAN BIND ------------:-**

**V-Lookup Practice Questions for the dataset:**

**V-LOOKUP,HLOOKUP,AND X-LOOKUP PRACTICE QUESTIONS:**

* Column references: Students and Sample\_20 sheets (A: ID, B: Name, C: Age, D: Marks, E: City); ID\_Name (A: ID, B: Name); ID\_Marks (A: ID, B: Marks); ID\_City (A: ID, B: City).
* All VLOOKUP formulas use exact match (FALSE) unless otherwise noted.
* If VLOOKUP cannot directly retrieve the value (e.g., due to needing to look left of the lookup column), I've noted this and provided an alternative using INDEX/MATCH, as it's a common companion for such cases in lookup practice.
* If the value is not found, the formula would return #N/A; I've indicated "Not found" based on the data.

1. Find the Age of the student with ID = 10.

**Solution: -** Formula: =VLOOKUP(10, Students!A:C, 3, FALSE)

Result: 30

1. Find the Marks of the student with ID = 25.

**Solution: -** Formula: =VLOOKUP(25, Students!A:D, 4, FALSE)

Result: 54

1. Find the City of the student with ID = 40.

**Solution: -** Formula: =VLOOKUP(40, Students!A:E, 5, FALSE)

Result: Agra

1. Find the Name of the student with ID = 7.

**Solution: -** Formula: =VLOOKUP(7, Students!A:B, 2, FALSE)

Result: Suresh Yadav

1. Find the Marks of the student named Rohit Sharma.

**Solution: -** Formula: =VLOOKUP("Rohit Sharma", Students!B:D, 3, FALSE)

Result: 52

1. Find the Age of the student named Anjali Gupta.

**Solution: -** Formula: =VLOOKUP("Anjali Gupta", Students!B:C, 2, FALSE)

Result: Not found

1. Find the City of the student named Neha Singh.

**Solution: -** Formula: =VLOOKUP("Neha Singh", Students!B:E, 4, FALSE)

Result: Not found

1. Using ID\_Marks sheet, fetch the marks of ID = 18.

**Solution: -** Formula: =VLOOKUP(18, ID\_Marks!A:B, 2, FALSE)

Result: 85

1. Using ID\_City sheet, find the city of ID = 12.

**Solution: -** Formula: =VLOOKUP(12, ID\_City!A:B, 2, FALSE)

Result: Patna

1. From ID\_Name sheet, find the student name with ID = 30.

**Solution: -** Formula: =VLOOKUP(30, ID\_Name!A:B, 2, FALSE)

Result: Komal Sharma

1. From Students sheet, return the city of ID = 5.

**Solution: -** Formula: =VLOOKUP(5, Students!A:E, 5, FALSE)

Result: Lucknow

1. Return the marks of student whose ID = 33.

**Solution: -** Formula: =VLOOKUP(33, Students!A:D, 4, FALSE)

Result: 82

1. Find the Name of student whose ID = 49.

**Solution: -** Formula: =VLOOKUP(49, Students!A:B, 2, FALSE)

Result: Vivaan Jha

1. Find the Marks of student who lives in Lucknow (first match). Note: VLOOKUP cannot directly retrieve this because Marks (column D) is to the left of City (column E). Use INDEX/MATCH instead for the first match.

**Solution: -** Formula: =INDEX(Students!D:D, MATCH("Lucknow", Students!E:E, 0)) Result: 62

1. From Sample\_20 sheet, fetch the Age of student with ID = 22.

**Solution: -** Formula: =VLOOKUP(22, Sample\_20!A:C, 3, FALSE)

Result: 28

1. From Sample\_20, find City of ID = 37.

**Solution: -** Formula: =VLOOKUP(37, Sample\_20!A:E, 5, FALSE)

Result: Not found

1. Find the Age of the student named Arjun Yadav.

**Solution: -** Formula: =VLOOKUP("Arjun Yadav", Students!B:C, 2, FALSE)

Result: Not found

1. Return the City of the student named Pooja Verma.

**Solution: -** Formula: =VLOOKUP("Pooja Verma", Students!B:E, 4, FALSE)

Result: Not found

1. Using VLOOKUP, return Marks of ID = 15 from ID\_Marks.

**Solution: -** Formula: =VLOOKUP(15, ID\_Marks!A:B, 2, FALSE)

Result: 51

1. Using VLOOKUP, return Name of ID = 28 from ID\_Name.

**Solution: -** Formula: =VLOOKUP(28, ID\_Name!A:B, 2, FALSE)

Result: Harsh Gupta