Questions

1. **IF Function**:
   o Determine if employees are earning above or below $50,000. Use the IF function to display "Above" or "Below".
2. **IFS Function**:
   o Assign a performance rating based on the number of project hours: "Excellent" for 50 or more hours, "Good" for 40-49 hours, "Average" for 30-39 hours, and "Poor" for below 30 hours.
3. **AND Function**:
   o Check if employees from the HR department and North region have sales above $15,000.
4. **OR Function**:
   o Identify employees who are either in the IT department or have a salary above $60,000.
5. **NOT Function**:
   o Determine if employees are not from the Marketing department.
6. **SUMIF Function**:
   o Calculate the total salary of employees from the Sales department.
7. **SUMIFS Function**:
   o Calculate the total salary of employees in the IT department who have more than 35 project hours.
8. **COUNTIF Function**:
   o Count the number of employees in the HR department.
9. **COUNTIFS Function**:
   o Count the number of female employees in the Finance department.
10. **AVERAGEIF Function**:
    o Find the average salary of employees in the Marketing department.
11. **AVERAGEIFS Function**:
    o Find the average sales for employees in the North region with project hours above 40.
12. **MAXIFS Function**:
    o Determine the maximum salary among employees in the South region.
13. **MINIFS Function**:
    o Find the minimum number of project hours for employees in the Finance department.
14. **VLOOKUP Function**:
    o Use VLOOKUP to find the salary of an employee based on their ID.
15. **HLOOKUP Function**:
    o Use HLOOKUP to find the joining date of employees based on their department.
16. **INDEX and MATCH Functions**:
    o Use INDEX and MATCH to find the sales amount for a specific employee.
17. **Conditional Formatting**:
    o Highlight cells in the Salary column that are above $60,000.
18. **Pivot Table**:
    o Create a pivot table to summarize average sales by region and department.
19. **Data Validation**:
    o Set up data validation to allow only dates after 2015-01-01 in the Joining Date column.
20. **Chart Creation**:
    o Create a bar chart to visualize the total sales by department.