

Task 1: Find the Max loan approved by each officer (Name), and the cust who got that loan.

SELECT [Applicant ID], LA.Name, AmountApproved, LO.Name,

(SELECT MAX(AmountApproved) FROM [Loan Applicants]

GROUP BY OfficerID

HAVING OfficerID = LA.OfficerID) **AS** GrpMaxc

FROM [Loan Applicants] LA, [Loan Officers] LO

WHERE LA.OfficerID = LO.OfficerID

AND AmountApproved =

(SELECT MAX(AmountApproved) FROM [Loan Applicants]

GROUP BY OfficerID

HAVING OfficerID = LA.OfficerID);

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| SELECT [Applicant ID], LA.Name, AmountApproved, LO.Name,(SELECT MAX(AmountApproved) FROM [Loan Applicants]GROUP BY OfficerIDHAVING OfficerID = LA.OfficerID) **AS** GrpMaxcFROM [Loan Applicants] LA, [Loan Officers] LOWHERE LA.OfficerID = LO.OfficerIDAND AmountApproved =(SELECT MAX(AmountApproved) FROM [Loan Applicants]GROUP BY OfficerIDHAVING OfficerID = LA.OfficerID); |  |
| Including the output of subquery as one new column to display… and also giving it an alias GrpMax |
|  |
| Join condition |
| Logic condition: YOUR amt =  |
| THE MaX Amt among all amts approved by YOUR officer;YOUR officer is assured by the “passing of parameter”,…… executed thru forcing the officerID in the subq = the officerID of the OUTSIDE table “”LA”) |