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* Assignment1 Solution;
PROC IMPORT OUT= WORK.Orders DATAFILE= "/home/u63055836/BAN110ZAA/Superstore.xlsx"
          DBMS=xlsx REPLACE;
          SHEET="Orders";
          GETNAMES=NO;
          Datarow=2;
RUN;

PROC IMPORT OUT= WORK>Returns DATAFILE= "/home/u63055836/BAN110ZAA/Superstore.xlsx"
          DBMS=xlsx REPLACE;
          SHEET="Returns";
          GETNAMES=NO;
          Datarow=2;
RUN;

PROC IMPORT OUT= WORK.people DATAFILE= "/home/u63055836/BAN110ZAA/Superstore.xlsx"
          DBMS=xlsx REPLACE;
          SHEET="people";
          GETNAMES=Yes;
RUN;

DATA Orders;
  set Orders;
  Rename
    A = Row_ID
    B = Order_ID
    C = Order_Date
    D = Ship_Date
    E = Ship_Mode
    F = Customer_ID
    G = Customer_Name
    H = Segment
    I = Country
    J = City
    K = State
    L = Postal_Code
    M = Region
    N = Product_ID
    O = Category
    P = Sub_Category
    Q = Product_Name
    R = Sales
    S = Quantity
    T = Discount
    U = Profit
  ;
run;

DATA Returns;
  set Returns;
  rename
    A = Returned
    B = Order_ID
  ;
run;

proc sort data=Orders;
  by Order_ID;
run;

proc sort data>Returns;
  by Order_ID;
run;

data Orders_Returned;
  merge Orders(IN=inOrders) Returns(IN=inReturns);
  by Order_ID;
  if inOrders = 1 and inReturns = 1;
run;

proc print data=Orders_Returned(where=(State="California" and Category="Technology" and Quantity>5)) NOOBS;
  var Order_Date Customer_Name City Postal_Code Product_Name Sales Quantity;
run;
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