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ABSENT :   08
CLASS   :   1I - IT
TOPIC   :   JOBSHEET 2

1. *Identify entity, attribute (including key attribute), and relationship from this ERD below.*
   Answer
   Entity   : **person, car, accident**
   Key attribute : **driver_id**, **license**, **report_number**
   Relationship   : Person **(One)** - Owns - **(Many)** Car
                      Person **(Many)** - Participated - **(Many)** Accident
                      Car **(Many)** - Participated - **(Many)** Accident

2. *POLINEMA Pet Store has asked you to create a database to keep track of animal and goods sales. The Figure below depicts the sales form. Answer the first and second questions.*
   a. *From the Sales Form in the Figure below, identify all entities and attributes for each entity. Fill in the blanks with your response.*
      Answer
      Entity : Sales, Customer, Animal Sale, Employee, Merchandise Sale
      Sales Att   : salesNo, date, animalSub, merchandiseSub, tax, total
      Customer Att   : customerId, name, address, city, state, postcode
      Animal Sale Att : animalId, name, category, bread, DoB, gender, registration, color,
                              listPrice, salePrice
      Employee Att   : employeeId, name
      Merchandise Att : item, description, listPrice, salePrice, quantitySold, totItemSalePrice
   b. *Draw a complete conceptual Entity-Relationship Model (ERM) to model the data in the Sales Form using the answers to point (a) above.*
      Answer