

**(Solution to be uploaded individually to the folder shared with you.
Assignment due date: 4th February, Tuesday.)**

Consider Art work database in which artists submit their artworks for consideration. Customers can take a look at the artwork, give the ratings, and buy the artwork. The data requirements are summarized as follows:

- Galleries keep information about artists, their names (which are unique), birthplaces, age, and style of art. An artist can have different styles of art.
- For each piece of artwork, the artist, the year it was made, its unique title, its type of art (e.g. painting, lithograph, sculpture, photograph), and its price must be stored.
- Pieces of artwork are also classified into groups of various kinds (for example, portraits, still lifes, works by Picasso, or works of 19th century) a given piece, may belong to more than one group.
- Galleries keep information about customers. For each customer, galleries keep their unique name, address, total amount they have spent in the gallery on the art purchases they have done and the artists and groups of art that each customer tends to like. Any customer may have multiple favourites of art categories or classes, and also a particular type of art group by a particular artist. (ex. Favourites as portraits, still life, and favourite combination is oil painting by Picasso)
- Any no. Of artworks could be brought by customers.
- Evaluators can give ratings based on theme of the artwork, creativity, overall impression for the artwork after reviewing the artwork.

Draw the ER diagram for the given database description.