

Python Quiz

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1.

Concept	Entity? Attribute? Instance?	Example of an Instance or Entity
Vehicle	Entity	Truck
Diet Cola	Instance	Drink
Price	Attribute	House
Customer name	Attribute	Person
Green	Attribute	Bag

2. Entity: STUDENT

Attribute Identifier: student id

Entity: MOVIE

Attribute Identifier: title

Entity: LOCKER

Attribute Identifier: number

3. Date of Birth

4.

Order	Food Item	Customer
#OrderNumberID *OrderDate *OrderTime °Customer	#FoodID *FoodName *FoodPrice	#CustomerID °CustomerName °CustomerAddress

5. Visio Drawing Pending

6. Visio Drawing Pending

7. Visio Drawing Pending

Cardinality

- One stylist can be a preference of many clients so there's crow's foot at the client side.
- One client can only have one preference at a time so there's a single toe on the stylist.

Optionality

- Stylist may be bad and not preferred so there are dotted lines on stylist side.
- Client must have a preference otherwise next available stylist is assigned so there's solid line on the client side.

8. Visio Drawing Pending

Cardinality

- a. A band can have multiple musicians so there's a crow's foot on the musician side.
- b. A musician can only belong to one band so there's a single toe on the band side.

Optionality

- a. A musician may be solo artist so it's a dotted line on the musician side.
- b. A band may have one or more musicians in it so there's a solid line on the band side.

9. Visio Drawings Pending: a, b, c, d, e

10. Relationship types:

- a. Many-to-many (M:M)
- b. One-to-Many (1:M)
- c. Many-to-Many (M:M)
- d. One-to-One (1:1)
- e. One-to-One (1:1)

11. Visio Drawing Pending

12. Answer was provided.