1) Database Design

```
idbc:h2:mem:testdb

BUYER
  □ Å PRIMARY_KEY_3
       UniqueEMAIL
□ ■ PRODUCT
 PRODUCTID

PRODUCTID

CATEGORY

DETAILED_DESCRIPTION

PRODUCT_NAME

■ SHORT_DESCRIPTION

  □ Jaz Indexes
□ A PRIMARY_KEY_1
□ Unique
□ PRODUCTID
☐ ☐ PRODUCT_AUCTION

■ START_PRICE

  □ JaZ Indexes
□ Å PRIMARY_KEY_A
• Unique

    ■ Unique
    ■ EMAIL, PRODUCTID
    □    ♣ FKH645B94AOTA2AX19NUXHMBGSV_INDEX_A
    ■ Non unique

     PRODUCTID

Reference A FK81QYKHHVY6SXE7HFKBVHH9POL_INDEX_A

Non unique
        ● EMAIL
□ ■ PRODUCT_BID
   ∃ I EMAIL

    CHARACTER VARYING(255)

   □ | PRODUCTID

    CHARACTER VARYING(255)

   ☐ BID_AMOUNT

    NUMERIC(19, 2)

   \exists \ \downarrow^{a}_{\mathbf{Z}} Indexes
      ☐ 🖧 PRIMARY_KEY_2
         Unique

    EMAIL, PRODUCTID

      ☐ Å FKO0RL115JSXIS8K5Q8OGLQDJUH_INDEX_2
         Non unique
         EMAIL
∃ ■ SELLER

■ I ADDRESS_LINE

   ⊕ 🎚 PIN

	■ STATE

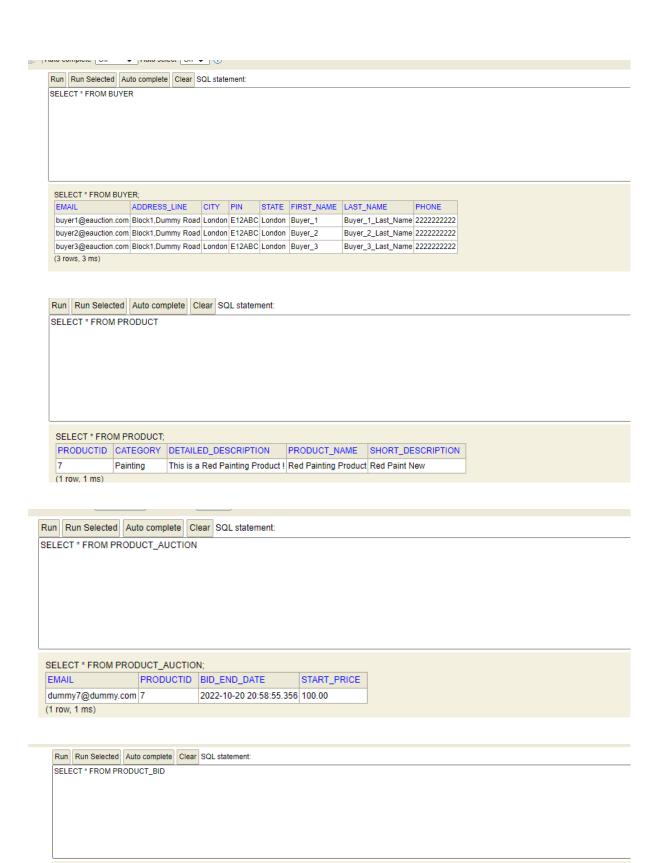
■ FIRST_NAME

■ LAST_NAME

   □ ↓ª Indexes
      ☐ ¾ PRIMARY_KEY_9
         Unique
          ■ EMAIL

■ ☐ INFORMATION_SCHEMA
```

2) Table Data



SELECT * FROM PRODUCT_BID;		
EMAIL	PRODUCTID	BID_AMOUNT
buyer1@eauction.com	7	150.00
buyer2@eauction.com	7	100.00
buyer3@eauction.com	7	120.00
(3 rows, 1 ms)		

