

1)

```
SELECT p.title, p.description, i.name, u.email, img.filePath, p.dateCreated
```

```
FROM items AS i
```

```
LEFT JOIN images as img ON i.id = img.Items_id
```

```
JOIN posts AS P ON p.seller_item_id = i.id
```

```
JOIN users AS u ON i.Users_email = u.email
```

```
WHERE p.buyer_item_id IS NULL
```

```
GROUP BY p.id;
```

### Expected Ouput:

title	description	name	email	filePath	dateCreated
Trading Guitar for Literally anything else.	I don't use this guitar anymore. I will trade it for ...	2001 Epiphone SG Guitar	sadpanda7@mail.com	./images/redGuitar.jpg	2015-02-10 12:30:30
Trading Shelby Mustang GT for Bugatti	I have a great Shelby GT, but I'd like to trade it ...	1969 Shelby Mustang GT	hottie93@mail.com	./images/shelbyGT.png	2015-02-10 12:30:30
Trading Painting for other art	I'd like to get some new art, and I'm board of th...	1889 'The Starry Night' painting by Van Gogh	snoopdog@mail.com	./images/starrynight.jpg	2015-02-10 12:30:30
Quires salsa?	I have salsa, but I'm craving Italian. Any taker...	Salsa	guy@mail.com	./images/salsa.jpg	2015-03-12 22:30:57
Getting Rid of Old Bow and Arrows	Any one interested? I would prefer a trade for ...	Bow and Arrows	lcroft@mail.com	./images/arrows.jpg	2015-03-12 22:39:10
Collectors item Apple 2 Computer for trade	Trading this old hunk of junk for another hunk o...	Apple 2 Computer	sjobs@mail.com	./images/apple2.jpg	2015-03-12 22:42:11
Trading Windows	I have a lot of old windows lying around anyon...	Windows	bgates@mail.com	./images/window.jpg	2015-03-12 22:49:57

2)

```
SELECT i.id, i.name, i.dateAdded, i.description, img.filePath
```

```
FROM items as i
```

```
LEFT JOIN images as img ON i.id = img.Items_id
```

```
WHERE i.Users_email = "snoopdog@mail.com"
```

```
GROUP BY i.id;
```

### Expected Output

id	name	dateAdded	description	filePath
13	1889 'The Starry Night' painting by Van Gogh	2012-10-05 04:04:04	Original Van Gogh painting. It's ok I guess, not t...	./images/starrynight.jpg
14	2012 Rollex Watch	2015-02-12 23:59:59	Nice, watch. Probabl't not fake.	NULL

3)

```
SELECT u.email, i.name, i.description, i.id
```

```
FROM items as i, users as u
```

```
WHERE i.Users_email = u.email;
```

**Expected output:**

email	name	description	id
bgates@mail.com	Windows	A collection of old windows.	23
bobm@mail.com	X-wing	Self explanatory.	25
guy@mail.com	2011 Toshiba Satelite	Used Laptop, good condition. Has an intel i5 pr...	10
guy@mail.com	Salsa	Spicy and great for chips.	15
guy@mail.com	Kitten	Who does love kittens. Am I right?	17
guy@mail.com	Spoon	Slightly used silverware. Godsend if you want t...	18
guy@mail.com	Pistol	Desert Eagle .50 cal pistol.	20
hottie93@mail.com	1969 Shelby Mustang GT	Classic Mustang GT, mint condition. Original eng...	12
hottie93@mail.com	QuadCopter	Great for scaring the neighbors. Add a camera ...	16
hottie93@mail.com	Brooklyn Bridge	Great Bridge. Historic and all that. Good Condi...	19
lcroft@mail.com	Bow and Arrows	Real nice wooden bow with 2 dozen arrows.	21
sadpanda7@mail...	2001 Epiphone SG Guitar	Epiphone SG electric guitar, red. A few scratche...	11
sjobs@mail.com	Apple 2 Computer	Vintage computer history.	22
sjobs@mail.com	Apple 1	Delicious. And it keeps the doctors away. May ...	24
snoopdog@mail.com	1889 'The Starry Night' ...	Original Van Gogh painting. It's ok I guess, not t...	13
snoopdog@mail.com	2012 Rollex Watch	Nice, watch. Probabl't not fake.	14

4)

```
SELECT p.title, p.description, i.name, u.email, img.filePath
FROM items AS i
LEFT JOIN images as img ON i.id = img.Items_id
JOIN posts AS P ON p.seller_item_id = i.id
JOIN users AS u ON i.Users_email = u.email
WHERE p.buyer_item_id IS NOT NULL AND u.email = 'hottie93@mail.com'
GROUP BY p.id;
```

title	description	name	email	filePath
Tradding quadcopter	I'm legally required to get rid my quadcopter af...	QuadCopter	hottie93@mail.com	./images/quadcopt.jpg
Trading the Brooklyn Bridge	Recently acquired the Brooklyn Bridge for a ste...	Brooklyn Bridge	hottie93@mail.com	./images/brook.jpg

5)

```
SELECT p.title, p.description, i.name, u.email, img.filePath, p.dateCreated, p.id, p.buyer_item_id
FROM items AS i
LEFT JOIN images as img ON i.id = img.Items_id
JOIN posts AS P ON p.seller_item_id = i.id
JOIN users AS u ON i.Users_email = u.email
WHERE p.buyer_item_id IS NULL AND u.email = 'guy@mail.com'
GROUP BY p.id;
```

title	description	name	email	filePath	dateCreated	id	buyer_item_id
Quires salsa?	I have salsa, but I'm craving Italian. Any taker...	Salsa	guy@mail.com	./images/salsa.jpg	2015-03-12 22:30:57	25	NULL