*-- 1. All gifts received in the year 2012*

**SELECT gift\_id**, **donor\_id**, **gift\_date**

**FROM** gift

**WHERE** *EXTRACT*(**YEAR FROM gift\_date**) = 2012;

*-- 2. All donors in the state of Texas(TX)*

**SELECT donor\_id**, **donor\_name**, **donor\_state**

**FROM** donor

**WHERE donor\_state LIKE 'TX'**;

*-- 3. All donations to the 'Cat Sheltering' fund in 2011,*

*-- ordered in increasing order by date.*

**SELECT** g.**gift\_id**, g.**donor\_id**, **fund\_name**, **gift\_date**

**FROM** donor

**JOIN** gift g **ON** donor.**donor\_id** = g.**donor\_id**

**JOIN** gift\_fund\_allocation a **ON** g.**gift\_id** = a.**gift\_id**

**JOIN** fund f **ON** a.**fund\_id** = f.**fund\_id**

**WHERE fund\_name LIKE 'Cat Sheltering'**

**AND** *EXTRACT*(**YEAR FROM gift\_date**) = 2011

**ORDER BY gift\_date**;

*-- 4. The name of every donor who gave a gift in 2012.*

**SELECT DISTINCT** *EXTRACT*(**YEAR FROM gift\_date**) **AS** donation\_year, g.**gift\_id**, **donor\_name**

**FROM** donor

**JOIN** gift g **ON** donor.**donor\_id** = g.**donor\_id**

**JOIN** gift\_fund\_allocation a **ON** g.**gift\_id** = a.**gift\_id**

**JOIN** fund f **ON** a.**fund\_id** = f.**fund\_id**

**WHERE** *EXTRACT*(**YEAR FROM gift\_date**) = 2012;

*-- 5. The total amount received in each year*

**SELECT** *EXTRACT*(**YEAR FROM gift\_date**) **AS** each\_year, *SUM*(**amount**) **AS** total\_amount

**FROM** donor

**JOIN** gift g **ON** donor.**donor\_id** = g.**donor\_id**

**JOIN** gift\_fund\_allocation a **ON** g.**gift\_id** = a.**gift\_id**

**JOIN** fund f **ON** a.**fund\_id** = f.**fund\_id**

**GROUP BY** each\_year;

*-- 6. The total amount received in each month of 2007.*

**SELECT** *EXTRACT*(**YEAR FROM gift\_date**) **AS year**,

*EXTRACT*(**MONTH FROM gift\_date**) **AS month**,

*SUM*(**amount**) **AS** total\_amount

**FROM** donor

**JOIN** gift g **ON** donor.**donor\_id** = g.**donor\_id**

**JOIN** gift\_fund\_allocation a **ON** g.**gift\_id** = a.**gift\_id**

**JOIN** fund f **ON** a.**fund\_id** = f.**fund\_id**

**WHERE** *EXTRACT*(**YEAR FROM gift\_date**) = 2007

**GROUP BY year**, **month**;

*-- 7. For donor 35, the gifts they gave in 2007 with the date and total*

*-- amount of each gift.*

**SELECT** gift.**donor\_id**, gift.**gift\_id**, **gift\_date**, *SUM*(**amount**) **AS** total\_amount

**FROM** donor

**JOIN** gift **on** donor.**donor\_id** = gift.**donor\_id**

**JOIN** gift\_fund\_allocation a **ON** gift.**gift\_id** = a.**gift\_id**

**JOIN** fund f **ON** a.**fund\_id** = f.**fund\_id**

**WHERE** gift.**donor\_id** = 35

**AND** *EXTRACT*(**YEAR FROM gift\_date**) = 2007

**GROUP BY** gift.**gift\_id**;

*-- 8. For donor 35, the funds to which they contributed in 2007*

*-- with the total amount contributed to each fund.*

**SELECT DISTINCT** donor.**donor\_id**, **donor\_name**, **fund\_name**, *SUM*(**amount**) **AS** total\_amount

**FROM** donor

**JOIN** gift **on** donor.**donor\_id** = gift.**donor\_id**

**JOIN** gift\_fund\_allocation a **ON** gift.**gift\_id** = a.**gift\_id**

**JOIN** fund f **ON** a.**fund\_id** = f.**fund\_id**

**WHERE** donor.**donor\_id** = 35

**AND** *EXTRACT*(**YEAR FROM gift\_date**) = 2007

**GROUP BY fund\_name**;

*-- 9. The names and full addresses of the top 5 donors in 2010, with*

*-- their total donations, in decreasing order of total donations.*

**SELECT** donor.**donor\_id**, **donor\_name**, **donor\_address**, **donor\_city**, **donor\_state**,

**donor\_zip**, *SUM*(**amount**) **AS** total\_donation

**FROM** donor

**JOIN** gift g **ON** donor.**donor\_id** = g.**donor\_id**

**JOIN** gift\_fund\_allocation a **ON** g.**gift\_id** = a.**gift\_id**

**WHERE** *EXTRACT*(**YEAR FROM gift\_date**) = 2010

**GROUP BY** donor.**donor\_id**

**ORDER BY** total\_donation **DESC**

**limit** 5;

*-- 10. The list of Dog Lovers: everyone who has donated to Dog*

*-- Sheltering. Do not include duplicates.*

**SELECT DISTINCT** donor.**donor\_id**, **donor\_name**

**FROM** donor

**JOIN** gift g **ON** donor.**donor\_id** = g.**donor\_id**

**JOIN** gift\_fund\_allocation a **ON** g.**gift\_id** = a.**gift\_id**

**JOIN** fund f **ON** a.**fund\_id** = f.**fund\_id**

**WHERE fund\_name LIKE 'Dog Sheltering'**