**use** charity;

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

**SELECT** *\**

**FROM** gift

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

*-- 2. All donors in the state of Texas*

**SELECT** *\**

**FROM** donor

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

*-- 3. Cat Sheltering 2011, by date*

**SELECT gift\_id**, **gift\_date**, **amount**

**FROM** gift

**JOIN** gift\_fund\_allocation **USING** (**gift\_id**)

**JOIN** fund **USING** (**fund\_id**)

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

**AND fund\_name** = **'Cat Sheltering'**

**ORDER BY gift\_date**;

**SELECT gift\_id**, **gift\_date**, **amount**

**FROM** gift

**JOIN** gift\_fund\_allocation **USING** (**gift\_id**)

**JOIN** fund **USING** (**fund\_id**)

**WHERE gift\_date** >= **'2011-01-01' AND gift\_date** < **'2012-01-01'**

**AND fund\_name** = **'Cat Sheltering'**

**ORDER BY gift\_date**;

*-- 4. Name of every donor who gave in 2012*

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

**FROM** donor

**JOIN** gift **USING** (**donor\_id**)

**WHERE gift\_date** >= **'2012-01-01' AND gift\_date** < **'2013-01-01'**;

*-- 5. Total amount in each year*

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

**FROM** gift

**JOIN** gift\_fund\_allocation **USING** (**gift\_id**)

**GROUP BY year**

**ORDER BY year**;

*-- 6. 2007, total by month*

**SELECT** *EXTRACT*(**MONTH FROM gift\_date**) **AS month**, *SUM*(**amount**) **AS** total

**FROM** gift

**JOIN** gift\_fund\_allocation **USING** (**gift\_id**)

**WHERE gift\_date** >= **'2007-01-01' AND gift\_date** < **'2008-01-01'**

**GROUP BY month**

**ORDER BY month**;

*-- 7. Donor 35 gifts in 2007*

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

**FROM** gift

**JOIN** gift\_fund\_allocation **USING** (**gift\_id**)

**WHERE donor\_id** = 35

**AND gift\_date** >= **'2007-01-01' AND gift\_date** < **'2008-01-01'**

**GROUP BY gift\_id**

**ORDER BY gift\_date**;

*-- 8. Donor 35 fund contributions in 2007*

**SELECT fund\_name**, *SUM*(**amount**) **AS** total

**FROM** gift

**JOIN** gift\_fund\_allocation **USING** (**gift\_id**)

**JOIN** fund **USING** (**fund\_id**)

**WHERE donor\_id** = 35

**AND gift\_date** >= **'2007-01-01' AND gift\_date** < **'2008-01-01'**

**GROUP BY fund\_id**

**ORDER BY fund\_name**;

*-- 89. Top Donors in 2010*

**SELECT donor\_name**, **donor\_address**, **donor\_city**, **donor\_state**, **donor\_zip**,

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

**FROM** donor

**JOIN** gift **USING** (**donor\_id**)

**JOIN** gift\_fund\_allocation **USING** (**gift\_id**)

**WHERE gift\_date** >= **'2010-01-01' AND gift\_date** < **'2011-01-01'**

**GROUP BY donor\_id**

**ORDER BY** total\_gifts **DESC**

**LIMIT** 5;

*-- 10. Dog Lovers*

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

**FROM** donor

**JOIN** gift **USING** (**donor\_id**)

**JOIN** gift\_fund\_allocation **USING** (**gift\_id**)

**JOIN** fund **USING** (**fund\_id**)

**WHERE fund\_name** = **'Dog Sheltering'**;