**Query:** **Show the average daily temperature for August 10th 1964**

SELECT m8/10 FROM whitechristmasdata

WHERE yr = 1962 AND dy = 20;

**Columns:** 1

**Row Count:** 1

Graphical user interface, text, application, email

Description automatically generated

**Query:** **Show the twelve temperatures.**

SELECT yr - 1811 as age, m12 / 10

FROM whitechristmasdata

WHERE yr BETWEEN 1812 AND 1823 AND dy = 25;

**Columns:** 2

**Row Count:** 12

Graphical user interface, text, application

Description automatically generated

**Query:** **For each age 1-12 show which years were a White Christmas. Show 'White Christmas' or 'No snow' for each age.**

SELECT yr-1811 AS age,

CASE WHEN min(m12) < 0 THEN "White Xmas"

ELSE "No snow" END

FROM whitechristmasdata

WHERE dy BETWEEN 21 AND 25

AND yr BETWEEN 1812 AND 1812 + 11

GROUP BY yr;

**Columns:** 2

**Row Count:** 12

Graphical user interface, text, application

Description automatically generated

**Query:** **List all the years and the wcc for children born in each year of the data set. Only show years where the wcc was at least 7.**

SELECT x.yr yob, count(y.yr) wcc

FROM (SELECT distinct yr

FROM whitechristmasdata)x

LEFT JOIN ( SELECT yr

FROM whitechristmasdata

WHERE dy BETWEEN 21 AND 25

GROUP BY yr

HAVING sum(m12<0)>0)y

ON y.yr BETWEEN x.yr+2 AND x.yr+11

GROUP BY x.yr

HAVING wcc>=7;

**Columns:** 2

**Row Count:** 5

Graphical user interface, text, application, email

Description automatically generated

**Query: Here are the average temperatures for August by decade. You decide**.

SELECT ROUND(yr,-1) decade, ROUND(AVG(NULLIF(m8,-999))/10,1) averageTemp

FROM whitechristmasdata

GROUP BY ROUND(yr,-1);

**Columns:** 2

**Row Count:** 26

Graphical user interface, text, application, email

Description automatically generated