Observations

Similarity:

1. 1912 is a turning point for both global and Patna city temperature. The temperature fluctuates a lot before 1912. After 1912, the changes are not larger in magnitude as compared to the previous years.

2. After 1988, both global and Patna city temperature increases steadily (Patna city 25.5 C to 26 C, global 8.2 C to 10 C).

Differences:

1. Patna city has a highest temperature change (drop from 25.1 C to 23.9 C) than that of global (drop from 8.5 C to 7.2 C).

2. From year 1800 to year 2012, Patna city has highest average temperature reaches to 26 C while the global highest average temperature never reaches to 10 C.

3. From year 1800 to year 2000, ABQ lowest average temperature is not lower than 23.9 C While global lowest average temperature is around 7.2 C.

Conclusion:

1. Overall, Patna city moving average temperature is more than twice as compare to global moving average temperature.

2. Since 2000, it has been observed that both Patna city and global moving average temperature increases gradually.

SQL QUERY:

1) To extract the city data:
   ```
   SELECT *
   FROM city_data
   where city = 'Patna'
   ```
2) To extract global data:
   ```
   SELECT *
   FROM global_data
   ```