## **Assignment**

- 1. Define correlation. Are correlation and regression same?
- 2. Two judges in a beauty competition rank the 12 entries as follows:

X: 1 2 3 4 5 6 7 8 9 10 11 12

Y:12 9 6 10 3 5 4 7 8 2 11 1

Calculate the rank correlation coefficient between X and Y.