

30min Mind Quiz

Write a Java program to complete the following task.

The program should first create two empty sets to store the 10 user input. Then, it should use a loop to read five numbers from the user for each set. Once the input is complete, the program should use the union and intersection methods of the Set class to find the union and intersection of the two sets. Finally, the program should display the union and intersection of the sets as follows.

Here's the output for the given sets:

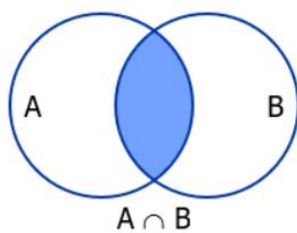
Set 1: 1, 5, 9, 7, 4, 6, 3, 0, 9, 3

Set 2: 4, 7, 3, 8, 2, 5, 0, 7, 1, 9

Union of sets: {0, 1, 2, 3, 4, 5, 6, 7, 8, 9}

Intersection of sets: {0, 1, 3, 4, 5, 7, 9}

Intersection



Union

