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JAVA tricky program

1. **HackerRank (Java Practice):** HackerRank offers a wide range of Java challenges, from basic to advanced. It covers topics such as data structures, algorithms, and Java-specific concepts.

Website: HackerRank Java Practice

1. **LeetCode (Java):** LeetCode is known for its extensive collection of coding challenges that cover various topics. You can filter problems by difficulty level and specific topics like arrays, strings, trees, and more.

Website: [LeetCode](https://leetcode.com/)

1. **CodeSignal:** CodeSignal provides coding challenges, including Java-specific problems. It's a platform that allows you to practice coding and improve your skills through its adaptive learning system.

Website: [CodeSignal](https://codesignal.com/)

1. **Codewars:** Codewars focuses on kata, which are coding exercises that you can solve in various programming languages, including Java. You can find challenges ranging from beginner to advanced levels.

Website: [Codewars](https://www.codewars.com/)

1. **GeeksforGeeks:** GeeksforGeeks is a platform that covers a wide range of computer science topics. It includes Java programming practice problems, data structure implementations, and algorithm explanations.

Website: GeeksforGeeks Java

1. **Exercism:** Exercism offers coding exercises in multiple programming languages, including Java. The platform provides mentorship and feedback on your solutions.

Website: [Exercism](https://exercism.io/)

[Blind 75 LeetCode Questions: Ace Algorithms Coding Interview | Udemy Business](https://capgemini.udemy.com/course/blind-75-leetcode-questions-ace-algorithms-coding-interview/)

**Q: swapping of two number using map in stream api**

public class SwapValuesExample {

public static void main(String[] args) {

int a = 10, b = 20;

// Using Stream API to swap values and store in a Map

Map<String, Integer> result = new HashMap<>();

result.put("a", a);

result.put("b", b);

result = result.entrySet().stream()

.collect(HashMap::new, (map, entry) -> map.put(entry.getKey(), entry.getKey().equals("a") ? b : a), Map::putAll);

System.out.println("After swapping using Stream API:");

System.out.println("a = " + result.get("a"));

System.out.println("b = " + result.get("b"));

}

}

**Q: swapping of two number using map in stream api**

public class SwapExample {

public static void main(String[] args) {

int a = 10;

int b = 20;

System.out.println("Before swapping: a = " + a + ", b = " + b);

int[] result = IntStream.range(0, 2).map(i -> i == 0 ? b : a).toArray();

a = result[0];

b = result[1];

System.out.println("After swapping: a = " + a + ", b = " + b);

}

}