**🔸 Q1. Declare and assign**

Declare an integer array of size 5, assign values manually to each index, and print all 5 values using System.out.println().

**🔸 Q2. First and last element**

Create an array {10, 20, 30, 40, 50} and print the first and last elements.

**🔸 Q3. Square numbers**

Create an array of size 4. Store squares of 1, 2, 3, 4 in it. Print each one manually.

**🔸 Q4. String array**

Declare a String[] array with 3 names. Print the second name using index.

**🔸 Q5. Modify a value**

Create an array {2, 4, 6, 8, 10}. Change the value at index 2 to 99. Print the updated array.

**🔸 Q6. Out-of-bounds**

What happens when you try to access arr[10] in an array of size 5? Write code and observe.

**🔸 Q7. Store fruits**

Declare a String[] array with 5 fruit names. Print the first and third fruit.

**🔸 Q8. Last index using length**

Create an array {1, 2, 3, 4, 5, 6} and print the last element using arr[arr.length - 1].

**🔸 Q9. Char array**

Declare a char[] array with vowels. Replace 'i' with 'z' and print the array.

**🔸 Q10. Middle element**

Create an array {5, 10, 15, 20, 25}. Print the middle element.