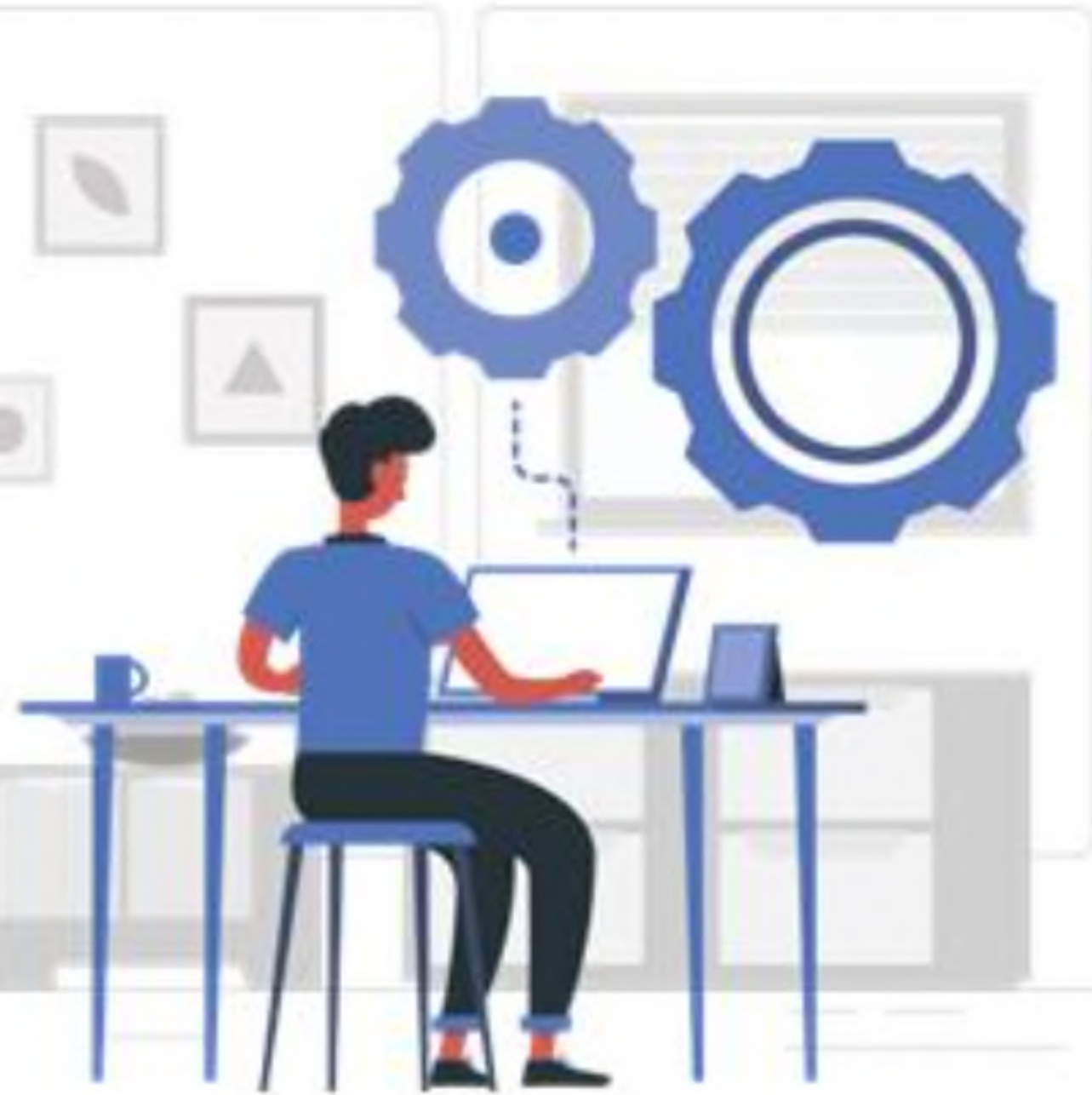


# Practice **Working With Arrays**





## Exercises

- Practice 1: Reverse an Array
- Practice 2: Maximum age



An illustration of a woman with dark hair and glasses, wearing a red top, and a man with brown hair and glasses, wearing an orange top. They are sitting at a desk with a large blue monitor. The woman is holding a yellow clipboard. On the desk, there is a coffee cup, a pencil, and some papers. The background is light green with some abstract shapes and a plant on the right.

## PRACTICE

### Practice 1: Reverse an Array

Tony and John are playing a reverse array game where one of them is going to give an array to another.

The other person needs to reverse the array and display the output. If any one of them fails to reverse the array, the game ends.

Write a Java program that reverses the array, stores the reversed array in another array, and prints it.

# Practice 1: Tasks

- Write all the logic for the program inside the `ReverseArrayDemo` class provided.
- Write the logic to reverse the given Array inside the below method and return the reverse array.

```
public int[] getReverseArray(int [] array)
```

- In the main method
  - Declare and initialize values of an Array.
    - `int[] array = {23,34,43,56,67,78,43,35};`
  - Create an object of the class `ReverseArrayDemo`.
    - `ReverseArrayDemo reverseArrayDemo = new ReverseArrayDemo();`
- Call the method `reverseArrayDemo()` and store the array returned in another array.



# Input and Output

- **Sample Input**

- `int array[] = {23,34,43,56,67,78,43,35};`

- **Sample Output**

- `Int reverseArray = {35,43,78,67,56,43,34,23};`

An illustration of a woman with dark hair and glasses, wearing a red top, and a man with brown hair and glasses, wearing an orange top. They are sitting at a desk with a blue computer monitor. The woman is holding a yellow clipboard. On the desk, there is a coffee cup, a pencil, and a notepad. The background is light green with some abstract shapes and a large green plant on the right.

## PRACTICE

### Practice 2: Maximum Age

Steve is the coach of a Soccer team. He has asked Ron who is one of the team members, to find the oldest player from the list of the players.

Help Ron write a program to calculate the maximum age from the given array that holds the age of all the players of the team.

# Practice 2: Tasks

- Write all the logic for the program inside the `MaxAge` class provided.
  - Write the logic to calculate the maximum age from the given Array inside the below method and return the calculated maximum age.

```
public int getMaxAge(int [] age)
```

- In the main method
  - Declare and initialize values to the age Array.
    - `int[] array = {23,34,43,56,67,78,43,35};`
  - Create an object of the class `MaxAge`.
    - `MaxAge maxAge = new MaxAge();`
- Call the method `getMaxAge` and store the value returned in an integer variable.



# Input and Output

- Sample Input -
  - `int age[] = {23,34,33,24,25,26,31};`
- Sample Output -
  - Max Age - 34