

Arrays Assignment Questions:

1. How do you Declare and Initialise an array
2. Write a Java program to iterate through all the elements of an array and print them.
3. Find and print the length of an array using built in method in Java
4. Initialise an array and update its values with new values and print the updated array.
5. Write a Java program to find the sum of all elements in an array.
6. Write a Java program to find the average of all elements in an array.
7. Write a Java program to count the number of even and odd elements in an array.
8. Find the maximum value in an array in Java?
9. Check if an element exists in an array in Java?
10. Print the elements of an array in the reverse order
11. How do you sort an array in Java?
12. How do you concatenate two arrays in Java?
13. How do you find the minimum value in an array in Java?
14. How do you sort an array of objects in Java?
15. How do you remove duplicates from an array in Java?
16. How do you remove an element from an array in Java?
17. How do you insert an element into an array in Java?
18. How do you merge two arrays in Java?
19. How do you copy an array in Java?
20. How do you compare two arrays in Java?
21. How do you find the frequency of an element in an array in Java?
22. How do you find the second largest element in an array in Java?
23. How do you find the missing number in an array of integers in Java?
24. Write a Java program to print the following pattern:

```
1
12
123
1234
12345
```

25. Write a Java program to print the following pattern:

```
1
22
333
4444
55555
```

26. Write a Java program to print the following pattern:

```
*****
****
***
**
*
```