Name: Kaustubh Rane Roll No.: CS23037

Practical No. 2

1. Write a Kotlin program that reverse an array without using the built-in reverse function. Print the reversed array.

CODE:

OUTPUT:

```
C:\Users\rdnc\.jdks\openjdk-23.0.2\bin\java.ex
Original array:
1, 2, 3, 4, 5
Reversed array:
5, 4, 3, 2, 1

Process finished with exit code 0
```

2. Write a Kotlin program that finds the largest and smallest elements in a given integer array.

Code:

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Output:

```
C:\Users\rdnc\.jdks\openjdk-23.0.2\bin\java
Largest element: 9
Smallest element: 1
Process finished with exit code 0
```

3. Write a Kotlin program that calculates the sum of all even numbers in an array. **Code:**

Output:

```
C:\Users\rdnc\.jdks\openjdk-23.0.2\
Sum of all even numbers: 28

Process finished with exit code 0
```

4. Write a Kotlin program that counts the occurrence of a specific element in an array **Code:**

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Output:

```
C:\Users\rdnc\.jdks\openjdk-23.0.2\bin\java.e
Element 4 occurs 3 times in the array.

Process finished with exit code 0
```

5. Write a Kotlin program that merges two arrays into a third array **Code:**

Output:

```
C:\Users\rdnc\.jdks\openjdk-23.0.2\bin
Merged array: 1, 2, 3, 4, 5, 6

Process finished with exit code 0
```