Question 1: Write a Java 8 program to filter even numbers from a list?

```
import java.util.Arrays;
import java.util.List;
import java.util.stream.Collectors;
import java.util.Arrays;
import java.util.List;
import java.util.stream.Collectors;
public class EvenNumbersFilter {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(1, 2, 3, 4, 5);
        List<Integer> evenNumbers = filterEvenNumbers(numbers);
        System.out.println("Even numbers: " + evenNumbers);
    }
    public static List<Integer> filterEvenNumbers(List<Integer>
numbers) {
        return numbers.stream()
                     .filter(n -> n % 2 == 0)
                      .collect(Collectors.toList());
    }
```

Output :- Even numbers: [2, 4]

Question 2: Write a Java 8 program to calculate the sum of integers in a list?

Output :- Sum: 15

Question 3: Write a Java 8 program to find the maximum element from a list?

```
import java.util.List;
import java.util.Optional;
```

Output :- Maximum number: 9

Question 4: Write a Java 8 program to check if a list contains a specific element?

Output :- Contains 3: true

Question 5: Write a Java 8 program to find the sum of all even numbers in a list of integers ?

```
List<Integer> numbers = List.of(1, 2, 3, 4, 5, 6, 7, 8, 9,
10);
int evenSum = calculateEvenNumberSum(numbers);
System.out.println("Sum of even numbers: " + evenSum);
}
```

Output :- Sum of even numbers: 30

Question 6: Write a Java 8 program to concatenate all strings in a list?

Output :- Concatenated string: Hello World!

Question 7: Write a Java 8 program to find the average length of strings in a list of strings?

```
import java.util.List;
public class AverageStringLengthCalculator {
    public static double calculateAverageStringLength(List<String>
strings) {
       return strings.stream()
                      .mapToInt(String::length)
                      .average()
                      .orElse(0.0);
    }
    public static void main(String[] args) {
       List<String> strings = List.of("apple", "banana", "orange",
"grape", "kiwi");
       double averageLength =
calculateAverageStringLength(strings);
        System.out.println("Average length of strings: " +
averageLength);
  }
}
```

Output :- Average length of strings: 5.2

Question 8: Write a Java 8 program to count the occurrences of a given character in a list of strings?

Output :- Occurrences of 'a': 4

Question 9: Write a Java 8 program to check if all elements in a list are greater than a given value?

Output :- Are all elements greater than 25? false

Question 10: Write a Java 8 program to find the factorial of a given number?

```
public static void main(String[] args) {
    int number = 5;
    int factorial = calculateFactorial(number);
        System.out.println("Factorial of " + number + ": " +
factorial);
    }
}
```

Output :- Factorial of 5: 120

Question 11: Write a Java 8 program to remove duplicate elements from a list?

Output :- Unique numbers: [1, 2, 3, 4, 5]

Question 12: Write a Java 8 program to find the longest string in a list of strings?

Output :- Longest string: grapefruit

Question 13: Write a Java 8 program to convert all strings to uppercase in a list?

```
import java.util.List;
import java.util.stream.Collectors;
public class StringConverter {
    public static List<String> convertToUpperCase(List<String>
strings) {
       return strings.stream()
                      .map(String::toUpperCase)
                      .collect(Collectors.toList());
    }
    public static void main(String[] args) {
        List<String> strings = List.of("apple", "banana", "cherry");
        List<String> uppercaseStrings = convertToUpperCase(strings);
        System.out.println("Uppercase strings: " +
uppercaseStrings);
    }
}
```

Output :- Uppercase strings: [APPLE, BANANA, CHERRY]

Question 14: Write a Java 8 program to sort a list of strings in alphabetical order?

Output :- Sorted strings: [apple, banana, cherry]

Question 15: Write a Java 8 program to calculate the average of even numbers in a list of integers ?

```
import java.util.List;
import java.util.OptionalDouble;
public class EvenNumberAverageCalculator {
```

Output :- Average of even numbers: 6.0

Question 16: Write a Java 8 program to convert a list of integers to a commaseparated string?

```
import java.util.List;
import java.util.stream.Collectors;
public class IntegerListConverter {
    public static String
convertToCommaSeparatedString(List<Integer> numbers) {
        return numbers.stream()
                      .map(Object::toString)
                      .collect(Collectors.joining(", "));
    }
    public static void main(String[] args) {
        List<Integer> numbers = List.of(1, 2, 3, 4, 5);
        String commaSeparatedString =
convertToCommaSeparatedString(numbers);
        System.out.println("Comma-separated string: " +
commaSeparatedString);
    }
}
```

Output :- Comma-separated string: 1, 2, 3, 4, 5

Question 17: Write a Java 8 program to find the last element in a list?

```
import java.util.Arrays;
import java.util.List;
import java.util.Optional;

public class LastElementFinder {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(1, 2, 3, 4, 5);
        Optional<Integer> lastElement = findLastElement(numbers);
```

Output :- Last element: 5

Question 18: Write a Java 8 program to find the second smallest element in a list of integers ?

```
import java.util.List;
import java.util.Optional;
public class SecondSmallestFinder {
    public static int findSecondSmallestElement(List<Integer>
numbers) {
        Optional<Integer> secondSmallest = numbers.stream()
                                                   .distinct()
                                                   .sorted()
                                                   .skip(1)
                                                   .findFirst();
        return secondSmallest.orElse(Integer.MIN VALUE);
    }
    public static void main(String[] args) {
        List<Integer> numbers = List.of(3, 1, 4, 2, 5);
        int secondSmallest = findSecondSmallestElement(numbers);
        System.out.println("Second smallest element: " +
secondSmallest);
    }
}
```

Output :- Second smallest element: 2

Question 19: Write a Java 8 program to find the frequency of each word in a list of strings?

```
import java.util.List;
import java.util.Map;
import java.util.stream.Collectors;

public class WordFrequencyCounter {
    public static Map<String, Long>
countWordFrequency(List<String> words) {
    return words.stream()
```

Output :- Word frequency: {banana=3, cherry=2, apple=3}

Question 20: Write a Java 8 program to find the sum of digits of a list of integers?

Output :- Sum of digits: 45

Question 21: Write a Java 8 program to find the distinct characters in a list of strings?

```
public static void main(String[] args) {
    List<String> strings = List.of("apple", "banana",
"cherry");
    Set<Character> distinctChars =
findDistinctCharacters(strings);
    System.out.println("Distinct characters: " +
distinctChars);
  }
}
```

Output :- Distinct characters: [p, a, b, r, c, e, h, y, l, n]

Question 22: Write Java 8 program to find all the numbers starting with 2 in given list?

```
import java.util.Arrays;
import java.util.List;
import java.util.stream.Collectors;
public class NumberFilter {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(223, 234, 145, 367,
289, 2001, 2289);
        List<Integer> numbersStartingWithOne =
filterNumbersStartingWithOne(numbers);
        System.out.println("Numbers starting with 1: " +
numbersStartingWithOne);
    }
    public static List<Integer>
filterNumbersStartingWithOne(List<Integer> numbers) {
        return numbers.stream()
                      .filter(number ->
String.valueOf(number).startsWith("2"))
                      .collect(Collectors.toList());
```

Output :- Numbers starting with 1: [223, 234, 289, 2001, 2289]

Question 23: Write Java 8 program to find the first element of the given integers list?

```
import java.util.Arrays;
import java.util.List;
import java.util.Optional;

public class FirstElementFinder {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(10, 20, 30, 40, 50);

        Optional<Integer> firstElement = findFirstElement(numbers);
```

Output :- First element of the list: 10

Question 24: Write Java 8 program to count the total numbers of elements in the given integers list?

```
import java.util.Arrays;
import java.util.List;

public class ElementCounter {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(10, 20, 30, 40, 50);

        long count = countElements(numbers);

        System.out.println("Total number of elements in the list: "
+ count);
    }

    public static long countElements(List<Integer> numbers) {
        return numbers.stream().count();
    }
}
```

Output :- Total number of elements in the list: 5

Question 25: Write Java 8 program to sort all the values of the list in ascending order?

```
import java.util.Arrays;
import java.util.List;
import java.util.stream.Collectors;

public class IntegersSorter {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(5, 2, 8, 1, 9, 3);

        List<Integer> sortedNumbers = sortIntegers(numbers);

        System.out.println("Sorted numbers: " + sortedNumbers);
}
```

Output :- Sorted numbers: [1, 2, 3, 5, 8, 9]

Question 26: Write Java 8 program to sort all the values of the list in descending order?

```
import java.util.Arrays;
import java.util.List;
import java.util.stream.Collectors;
public class IntegersSorter {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(5, 2, 8, 1, 9, 3);
        List<Integer> sortedNumbers =
sortIntegersDescending(numbers);
        System.out.println("Sorted numbers in descending order: " +
sortedNumbers);
    public static List<Integer> sortIntegersDescending(List<Integer>
numbers) {
        return numbers.stream()
                      .sorted(java.util.Comparator.reverseOrder()) /
/ Sort in descending order
                      .collect(Collectors.toList());
    }
}
```

Output :- Sorted numbers in descending order: [9, 8, 5, 3, 2, 1]

Question 27: Write Java 8 program to check if given integer array contains duplicate or not. Return true if it contains duplicate character.

```
}
```

Output :- Contains duplicates: false

Question 28: Write a Java 8 program to concatenate two Streams?

```
import java.util.stream.Stream;

public class StreamConcatenator {
    public static void main(String[] args) {
        Stream<Integer> stream1 = Stream.of(1, 2, 3);
        Stream<Integer> stream2 = Stream.of(4, 5, 6);

        Stream<Integer> concatenatedStream =
    concatenateStreams(stream1, stream2);

        concatenatedStream.forEach(System.out::print);
    }

    public static <T> Stream<T> concatenateStreams(Stream<T> stream1, Stream<T> stream2) {
        return Stream.concat(stream1, stream2);
    }
}
```

Output :- 123456

Question 29: Write Java 8 program to perform square on list elements and filter numbers greater than 1000.

```
import java.util.Arrays;
import java.util.List;
import java.util.stream.Collectors;
public class SquareAndFilter {
import java.util.Arrays;
import java.util.List;
import java.util.stream.Collectors;
public class Main {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(10, 20, 30, 40, 50,
110, 120);
        List<Integer> squaredAndFilteredNumbers =
squareAndFilterNumbers(numbers);
        System.out.println("Numbers squared and filtered: " +
squaredAndFilteredNumbers);
    public static List<Integer> squareAndFilterNumbers(List<Integer>
numbers) {
        return numbers.stream()
                       .map(n \rightarrow n * n) // Square each element
```

```
.filter(n -> n > 1000) // Filter numbers greater than 1000 .collect(Collectors.toList());   } }
```

Output :- Numbers squared and filtered: [1600, 2500, 12100, 14400]

Question 30: Write Java 8 program to separate odd and even numbers from the given list of integers?

```
import java.util.Arrays;
import java.util.List;
import java.util.Map;
import java.util.stream.Collectors;
public class OddEvenSeparator {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(1, 2, 3, 4, 5, 6, 7,
8, 9, 10);
        Map<Boolean, List<Integer>> oddEvenMap =
separateOddEven (numbers);
        System.out.println("Odd numbers: " + oddEvenMap.get(false));
        System.out.println("Even numbers: " + oddEvenMap.get(true));
    }
    public static Map<Boolean, List<Integer>>
separateOddEven(List<Integer> numbers) {
        return numbers.stream()
                      .collect(Collectors.partitioningBy(n -> n % 2
== 0));
    }
}
```

Output :- Odd numbers: [1, 3, 5, 7, 9], Even numbers: [2, 4, 6, 8, 10]

Question 31 : Write Java 8 program to print the numbers which are multiples of 3?

```
.forEach(System.out::println); // Print each multiple
of 3
     }
}
```

Output:-3 6 and 9

Question 32 : Write Java 8 program to merge two unsorted arrays into single sorted array?

```
import java.util.Arrays;
import java.util.stream.Stream;
public class ArrayMerger {
    public static void main(String[] args) {
        int[] arr1 = {3, 6, 8, 10, 10};
        int[] arr2 = {1, 2, 4, 5};
        int[] mergedArray = mergeAndSortArrays(arr1, arr2);
        System.out.println("Merged and sorted array: " +
Arrays.toString(mergedArray));
    public static int[] mergeAndSortArrays(int[] arr1, int[] arr2) {
             return IntStream.concat(Arrays.stream(arr1),
Arrays.stream(arr2))
                .sorted()
                .toArray();
    }
}
```

Output :- Merged sorted array: [1, 2, 3, 4, 5, 6, 8, 10, 10]

Question 33: Write Java 8 program to merge two unsorted arrays into single sorted array by removing duplicates?

```
import java.util.Arrays;
public class ArrayMerger {
    public static void main(String[] args) {
        int[] arr1 = {4, 2, 6, 1};
        int[] arr2 = {7, 3, 5, 8};
        int[] mergedArray =
mergeAndSortArraysWithoutDuplicates(arr1, arr2);
        System.out.println("Merged and sorted array without
duplicates: " + Arrays.toString(mergedArray));
    }
    public static int[] mergeAndSortArraysWithoutDuplicates(int[]
arr1, int[] arr2) {
       return IntStream.concat(Arrays.stream(arr1),
Arrays.stream(arr2))
// Concatenate both arrays into a single stream
                .distinct() // Remove duplicates
```

```
.sorted() // Sort the elements of the stream
.toArray(); // Convert the sorted stream to an array
}
```

Output :- Merged and sorted array without duplicates: [1, 2, 3, 4, 5, 6, 7, 8]

Question 34: Java program to get first three maximum numbers and three minimum numbers from the given list of integers?

```
import java.util.Arrays;
import java.util.List;
import java.util.stream.Collectors;
public class MaxMinNumbersFinder {
    public static void main(String[] args) {
        List<Integer> numbers = Arrays.asList(10, 5, 20, 15, 25, 3,
30, 1, 8);
        List<Integer> maxNumbers = findMaxNumbers(numbers, 3);
        List<Integer> minNumbers = findMinNumbers(numbers, 3);
        System.out.println("Three maximum numbers: " + maxNumbers);
        System.out.println("Three minimum numbers: " + minNumbers);
    }
    public static List<Integer> findMaxNumbers(List<Integer>
numbers, int count) {
        return numbers.stream()
                      .sorted((a, b) -> Integer.compare(b, a)) //
Sort in descending order
                      .limit(count) // Limit to count of maximum
numbers
                      .collect(Collectors.toList());
    }
    public static List<Integer> findMinNumbers(List<Integer>
numbers, int count) {
       return numbers.stream()
                     .sorted() // Sort in ascending order (default)
                      .limit(count) // Limit to count of minimum
numbers
                      .collect(Collectors.toList());
}
```

Output: - Three maximum numbers: [30, 25, 20], Three minimum numbers: [1, 3, 5]

Question 35: Java 8 program to check if two strings are anagrams or not?

```
import java.util.Arrays;

public class AnagramChecker {
    public static void main(String[] args) {
        String str1 = "listen";
        String str2 = "silent";
}
```

```
boolean areAnagrams = areAnagrams(str1, str2);
        if (areAnagrams) {
            System.out.println("Strings '" + str1 + "' and '" + str2
+ "' are anagrams.");
        } else {
            System.out.println("Strings '" + str1 + "' and '" + str2
+ "' are not anagrams.");
    public static boolean areAnagrams(String str1, String str2) {
        // Convert strings to lowercase to ignore case sensitivity
        str1 = str1.toLowerCase();
        str2 = str2.toLowerCase();
        // Sort the characters of both strings
        String sortedStr1 = sortString(str1);
        String sortedStr2 = sortString(str2);
        // Compare the sorted strings
        return sortedStr1.equals(sortedStr2);
    }
    private static String sortString(String str) {
        // Convert string to char array, sort the array, and then
convert it back to string
        return Arrays.stream(str.split(""))
                     .sorted()
                     .reduce("", (s1, s2) \rightarrow s1 + s2);
    }
}
```

Output :- Strings 'listen' and 'silent' are anagrams.

Question 36: Write Java 8 program to find sum of all digits of a number?

Question 37: Write Java 8 program to sort given list of strings according to decreasing order of their length?

```
import java.util.Arrays;
import java.util.Comparator;
import java.util.List;
public class StringLengthSorter {
    public static void main(String[] args) {
        List<String> strings = Arrays.asList("banana", "apple",
"orange", "grape", "kiwi");
        List<String> sortedStrings = sortStringsByLength(strings);
        System.out.println("Sorted strings by length (decreasing
order): " + sortedStrings);
    public static List<String> sortStringsByLength(List<String>
strings) {
       return strings.stream()
                      .sorted((s1, s2) ->
Integer.compare(s2.length(), s1.length())) // Sort strings by length
in decreasing order
                      .toList(); // Convert the stream to a list
    }
}
```

Output :- Sorted strings by length (decreasing order): [banana, orange, apple, grape, kiwi]

Question 38 : Write Java 8 program to find common elements between two lists?

```
import java.util.ArrayList;
import java.util.HashSet;
import java.util.List;
import java.util.Set;

public class CommonElementsFinder {
    public static void main(String[] args) {
        List<Integer> list1 = new ArrayList<>(List.of(1, 2, 3, 4, 5));
        List<Integer> list2 = new ArrayList<>(List.of(4, 5, 6, 7, 8));

        Set<Integer> commonElements = findCommonElements(list1, list2);

        System.out.println("Common elements between the two lists: " + commonElements);
    }
}
```

```
public static <T> Set<T> findCommonElements(List<T> list1,
List<T> list2) {
    // Convert lists to sets to remove duplicates
    Set<T> set1 = new HashSet<>(list1);
    Set<T> set2 = new HashSet<>(list2);

    // Retain only the elements that are present in both sets
    set1.retainAll(set2);

    return set1;
}
```

Output :- Common elements between the two lists: [4, 5]

Question 39: Write Java 8 program to prints the first 5 odd numbers?

Output :- First 5 odd numbers: 1 3 5 7 and 9

Question 40 : Write Java 8 program to print the most repeated element in an array?

```
import java.util.Arrays;
import java.util.Map;
import java.util.function.Function;
import java.util.stream.Collectors;

public class MostRepeatedElementFinder {
    public static void main(String[] args) {
        int[] array = {1, 2, 3, 4, 2, 2, 3, 4, 4, 4, 5, 5, 4};

        Map.Entry<Integer, Long> mostRepeatedElementEntry =
        findMostRepeatedElement(array);

        System.out.println("Most repeated number: " +
        mostRepeatedElementEntry.getKey());
        System.out.println("Number of occurrences: " +
        mostRepeatedElementEntry.getValue());
```

Output :- Most repeated number: 4, Number of occurrences: 5

Question 41: Write Java 8 program to print duplicate elements from an array?

```
import java.util.Arrays;
import java.util.List;
import java.util.Map;
import java.util.stream.Collectors;
public class DuplicateElementExtractor {
    public static void main(String[] args) {
        Integer[] array = \{1, 2, 3, 4, 2, 3, 5, 6, 7, 8, 9, 1\};
        List<Integer> duplicates = findDuplicateElements(array);
        System.out.println("Duplicate elements: " + duplicates);
    }
    public static List<Integer> findDuplicateElements(Integer[]
array) {
        Map<Integer, Long> countMap = Arrays.stream(array)
                .collect(Collectors.groupingBy(e -> e,
Collectors.counting());
        return countMap.entrySet().stream()
                .filter(entry -> entry.getValue() > 1)
                .map(Map.Entry::getKey)
                .collect(Collectors.toList());
    }
}
```

Output :- Duplicate elements: [1, 2, 3]

Question 42 : Write Java 8 program to find first repeated character in the given string?

```
import java.util.HashSet;
public class FirstRepeatedCharacterFinder {
    public static void main(String[] args) {
```

```
String str = "hello world";
        char firstRepeatedChar = findFirstRepeatedCharacter(str);
        if (firstRepeatedChar != '\0') {
            System.out.println("First repeated character: " +
firstRepeatedChar);
        } else {
            System.out.println("No repeated characters found");
    }
    public static char findFirstRepeatedCharacter(String str) {
        HashSet<Character> set = new HashSet<>();
        return str.chars() // Convert the string to an IntStream of
characters
                .mapToObj(ch -> (char) ch) // Convert each character
code to its corresponding character
                .filter(ch -> !set.add(ch)) // Filter out characters
that are already in the set (i.e., repeated characters)
                .findFirst() // Find the first repeated character
                .orElse('\0'); // Return '\0' if no repeated
characters found
    }
}
```

Output :- First repeated character:

Question 43: Write a Java 8 program to check if a list contains a specific string?

```
import java.util.Arrays;
import java.util.List;
public class ListContainsStringChecker {
    public static void main(String[] args) {
        List<String> list = Arrays.asList("apple", "banana",
"orange", "grape");
        String searchString = "orange";
        boolean containsString = containsString(list, searchString);
        if (containsString) {
            System.out.println("List contains the string: " +
searchString);
            System.out.println("List does not contain the string: "
+ searchString);
        }
    }
    public static boolean containsString(List<String> list, String
searchString) {
        return list.stream()
```

```
.anyMatch(searchString::equals); // Using method
reference
}
```

Output :- List contains the string: orange

Question 44: Write a Java 8 program print all the strings of given length?

```
import java.util.Arrays;
import java.util.List;
public class ElementsOfCertainLengthPrinter {
    public static void main(String[] args) {
        List<String> list = Arrays.asList("apple", "banana",
"orange", "grape", "kiwi");
        int targetLength = 6;
        printElementsOfCertainLength(list, targetLength);
    }
    public static void printElementsOfCertainLength(List<String>
list, int targetLength) {
        list.stream()
            .filter(str -> str.length() == targetLength)
            .forEach(System.out::println);
    }
}
```

Output :-banana, orange

Question 45 : Write a Java 8 program print first non repetitive character in the string?

```
import java.util.function.Function;
import java.util.stream.Collectors;
import java.util.Map;
public class FirstNonRepeatedCharacterFinder {
    public static void main(String[] args) {
        String str = "hello world";
        Character firstNonRepeatedChar =
findFirstNonRepeatedChar(str);
        System.out.println("First non-repeated character: " +
firstNonRepeatedChar);
    public static Character findFirstNonRepeatedChar(String str) {
                return str.chars() // IntStream
                .mapToObj(i -> Character.toLowerCase((char) i)) //
convert to lowercase & then to Character object Stream
                .collect(Collectors.groupingBy(Function.identity(),
LinkedHashMap::new, Collectors.counting())) // store in a
LinkedHashMap with the count
```

Output :- First non-repeated character: h

Question 46 : Write a Java 8 program to find the product of all elements in a list ?

Output :- Product of all elements: 120

Question 47: Write a Java 8 program to check if all elements in a list are unique?

```
import java.util.List;
import java.util.stream.Collectors;

public class UniqueElementsChecker {
    public static void main(String[] args) {
        List<Integer> numbers = List.of(1, 2, 3, 4, 5);
        boolean allUnique = areAllElementsUnique(numbers);
        if (allUnique) {
            System.out.println("All elements in the list are
        unique.");
        } else {
            System.out.println("List contains duplicate elements.");
        }
    }
}
```

Output :- All elements in the list are unique.

Question 48: Write a Java 8 program to find the first word in a list that starts with given letter?

```
import java.util.List;
import java.util.Optional;
public class FirstWordStartsWithLetterFinder {
    public static void main(String[] args) {
       List<String> words = List.of("apple", "banana", "orange",
"grape");
        char targetLetter = 'o';
        Optional<String> firstWord =
findFirstWordStartsWithLetter(words, targetLetter);
        if (firstWord.isPresent()) {
            System.out.println("First word starting with '" +
targetLetter + "': " + firstWord.get());
        } else {
            System.out.println("No word starting with '" +
targetLetter + "' found.");
    public static Optional<String>
findFirstWordStartsWithLetter(List<String> words, char targetLetter)
        return words.stream()
                    .filter(word -> !word.isEmpty() &&
word.charAt(0) == targetLetter)
                    .findFirst();
    }
}
```

Output :- First word starting with 'o': orange

Question 49: Write a Java 8 program to find the sum of the first 10 natural numbers?

```
import java.util.stream.IntStream;

public class SumOfFirstTenNaturalNumbers {
    public static void main(String[] args) {
        int sum = sumOfFirstNNaturalNumbers(10);
        System.out.println("Sum of the first 10 natural numbers: " + sum);
```

Output :- Sum of the first 10 natural numbers: 55

Question 50: Write a Java 8 program to find the product of the first 10 natural numbers?

Output :- Product of the first 10 natural numbers: 3628800