

Main.java	<div> <div>☰</div> <div>☀</div> <div>🔗 Share</div> <div>Run</div> </div>	Output
<pre> 1 import java.util.HashSet; 2 import java.util.Set; 3 4 public class UniquePermutations { 5 public static void main(String[] args) { 6 String number = "143"; 7 Set<String> permutations = new HashSet<>(); 8 generatePermutations("", number, permutations); 9 System.out.println("Permutations are:"); 10 permutations.forEach(System.out::println); 11 } 12 13 private static void generatePermutations(String prefix, String remaining, 14 Set<String> permutations) { 15 int n = remaining.length(); 16 if (n == 0) { 17 permutations.add(prefix); 18 } else { 19 for (int i = 0; i < n; i++) { 20 generatePermutations(prefix + remaining.charAt(i), remaining 21 .substring(0, i) + remaining.substring(i + 1), permutations 22); 23 } 24 } 25 } 26 } </pre>	<pre> java -cp /tmp/YziCEgTPj/UniquePermutations Permutations are: 143 341 134 431 413 314 === Code Execution Successful === </pre>	

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<pre> 1 import java.util.ArrayList; 2 import java.util.Scanner; 3 4 public class NumberSquareArray { 5 public static void main(String[] args) { 6 Scanner scanner = new Scanner(System.in); 7 System.out.print("Enter the lower range: "); 8 9 int lowerRange = scanner.nextInt(); 10 System.out.print("Enter the upper range: "); 11 int upperRange = scanner.nextInt(); 12 13 ArrayList<int[]> numberSquareArray = new ArrayList<>(); 14 for (int i = lowerRange; i <= upperRange; i++) { 15 numberSquareArray.add(new int[]{i, i * i}); 16 } 17 18 System.out.println(numberSquareArray); 19 } 20 } 21 </pre>	<pre> java -cp /tmp/PFJx3nJTQ1/NumberSquareArray Enter the lower range: 45 Enter the upper range: 49 [[I@256216b3, [I@2a18f23c, [I@d7b1517, [I@16c0663d, [I@23223dd8] === Code Execution Successful === </pre>	



Main.java



Run

Output

```
1 class BankAccount {
2     String depositorName;
3     int accountNumber;
4     String accountType;
5     double balance = 100.0;
6
7     public void displayName(){
8         System.out.println("Hari krishna");
9     }
10
11    public void displayBalance () {
12        System.out.println("Balance : Rs."+ balance);
13    }
14 }
15 public class main {
16     public static void main (String[] args) {
17         BankAccount account = new BankAccount () ;
18         account.displayName();
19         account.displayBalance();
20     }
21 }
```

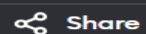
```
java -cp /tmp/HSfJKAYi3N/main
```

```
Hari krishna
```

```
Balance : Rs.100.0
```

```
=== Code Execution Successful ===
```

Main.java



Share

Run

Output

```
1 public class PalindromeGenerator {
2     public static void main(String[] args) {
3         int inputNumber = 7325;
4         int reverseNumber = 0;
5         int temp = inputNumber;
6
7         while (true) {
8             int remainder = temp % 10;
9             reverseNumber = reverseNumber * 10 + remainder;
10            temp = temp / 10;
11
12            if (temp == 0) {
13                break;
14            }
15        }
16
17        int sum = inputNumber + reverseNumber;
18
19        while (true) {
20            int tempSum = sum;
21            int reverseSum = 0;
22
23            while (tempSum != 0) {
24                int remainder = tempSum % 10;
25                reverseSum = reverseSum * 10 + remainder;
26                tempSum = tempSum / 10;
27            }
28
29            if (sum == reverseSum) {
30                System.out.println("Palindrome: " + sum);
31                break;
32            } else {
33                System.out.println(sum + " + " + reverseSum + " = " + (sum +
34                    reverseSum));
35                sum = sum + reverseSum;
36            }
37        }
38    }
39 }
```

```
java -cp /tmp/ycD72jMtiE/PalindromeGenerator
12562 + 26521 = 39083
39083 + 38093 = 77176
77176 + 67177 = 144353
144353 + 353441 = 497794
Palindrome: 497794
```

```
=== Code Execution Successful ===
```