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Main.ja
Numbe

```
1
2 public class NumberPuzzle {
3     private int number;
4
5     public NumberPuzzle(int number)
6     {
7         this.number = number;
8     }
9
10    public int solvePuzzle() {
11        if (number < 10 || number > 99)
12        {
13            System.out.println("Invalid number");
14            return 0;
15        }
16
17        if (number > 50) {
18            int digit1 = number / 10;
19            int digit2 = number % 10;
20            return digit1 - digit2;
21        } else {
22            int reversedNumber = (number % 10) * 10 + (number / 10);
23            int digit1 = reversedNumber / 10;
24            int digit2 = reversedNumber % 10;
25            return digit1 - digit2;
26        }
27    }
28 }
29
30
```

@ Javadoc Declaration Console ×

<terminated> Main [Java Application] C:\Users\ELCOT\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.10.v20240120-1143\jre\bin\javaw.exe (31-Mar-2024, 3:10:50 pm – 3:10:58 pm) [pid: 5724]

Enter the number

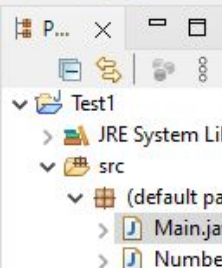
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1 : 1 : 0



```
1 import java.util.Scanner;
2
3 public class Main {
4     public static void main(String[] args)
5     {
6         Scanner scanner = new Scanner (System.in);
7         System.out.println("Enter the number");
8         int num = scanner.nextInt();
9         NumberPuzzle puzzle = new NumberPuzzle(num);
10        System.out.println(puzzle.solvePuzzle());
11        scanner.close();
12    }
13 }
14
```

@ Javadoc Declaration Console

<terminated> Main [Java Application] C:\Users\ELCOT\p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.10.v20240120-1143\jre\bin\javaw.exe (31-Mar-2024, 3:10:50 pm – 3:10:58 pm) [pid: 5724]

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