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Main.java

Run

Clear

```
1 import java.util.Scanner;
2
3 public class NumberToWords {
4     public static void main(String[] args) {
5         Scanner scanner = new Scanner(System.in);
6         System.out.println("Enter the number:");
7         int number = scanner.nextInt();
8         scanner.close();
9
10        String wordRepresentation = convertToWords(number);
11        System.out.println("Sample Output:");
12        System.out.println(wordRepresentation);
13    }
14
15    public static String convertToWords(int number) {
16        String[] units = {"zero", "one", "two", "three", "four", "five", "six", "seven", "eight",
17                           "nine"};
18        String[] teens = {"ten", "eleven", "twelve", "thirteen", "fourteen", "fifteen", "sixteen",
19                           "seventeen", "eighteen", "nineteen"};
20        String[] tens = {"", "", "twenty", "thirty", "forty", "fifty", "sixty", "seventy",
21                           "eighty", "ninety"};
22
23        if (number == 0) {
24            return "zero";
25        }
26
27        StringBuilder wordRepresentation = new StringBuilder();
28
29        // Convert millions
30        if (number >= 1000000) {
31            wordRepresentation.append(convertToWords(number / 1000000)).append(" million ");
32            number %= 1000000;
33        }
34
35        // Convert thousands
36        if (number >= 1000) {
```

```
java -cp /tmp/FaL15zS3Mz/NumberToWords
Enter the number:
56
Sample Output:
fifty six

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

Windows Taskbar

System Tray

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Main.javaRunOutputClear

```
24  StringBuilder wordRepresentation = new StringBuilder();
25
26  // Convert millions
27  if (number >= 1000000) {
28      wordRepresentation.append(convertToWords(number / 1000000)).append(" million ");
29      number %= 1000000;
30  }
31
32  // Convert thousands
33  if (number >= 1000) {
34      wordRepresentation.append(convertToWords(number / 1000)).append(" thousand ");
35      number %= 1000;
36  }
37
38  // Convert hundreds
39  if (number >= 100) {
40      wordRepresentation.append(units[number / 100]).append(" hundred ");
41      number %= 100;
42  }
43
44  // Convert tens and units
45  if (number >= 20) {
46      wordRepresentation.append(tens[number / 10]).append(" ");
47      number %= 10;
48  } else if (number >= 10) {
49      wordRepresentation.append(teens[number - 10]).append(" ");
50      number = 0;
51  }
52
53  if (number > 0) {
54      wordRepresentation.append(units[number]).append(" ");
55  }
56
57  return wordRepresentation.toString().trim();
58  }
59  }
```

```
java -cp /tmp/FaL15zS3Mz/NumberToWords
Enter the number:
56
Sample Output:
fifty six

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

Windows Taskbar

System Tray