

```

public static String extractMiddleSubstring(String str1, String str2, int length) {
    String concatenated = str1.concat(str2);

    // Check if the concatenated string is empty or length is larger than concatenated string
    if (concatenated.isEmpty() || length > concatenated.length()) {
        return "Invalid input";
    }

    StringBuilder reversedConcatenated = new StringBuilder(concatenated).reverse();

    int startIndex = (reversedConcatenated.length() - length) / 2;

    String middleSubstring = reversedConcatenated.substring(startIndex, startIndex + length);

    return middleSubstring;
}

public static void main(String[] args) {
    String str1 = "hello";
    String str2 = "world";
    int length = 5;
    String result = extractMiddleSubstring(str1, str2, length);
    System.out.println(result); // Output: "wolle"
}

```