[**Decode Ways**](https://leetcode.com/problems/decode-ways/)

**public** **class** DecodeWays {

**public** **static** **void** main(String[] args) {

// **TODO** Auto-generated method stub

System.***out***.println(*numDecodings*("223"));

}

**public** **static** **int** numDecodings(String s) {

**if**(s == **null** || s.length() == 0) {

**return** 1;

}

**int**[] dp = **new** **int**[s.length() + 1];

dp[0] = 1;

dp[1] = s.charAt(0) - '0' == 0 ? 0 : 1;

**for**(**int** i = 2 ; i <= s.length() ; i++) {

**int** first = Integer.*parseInt*(s.substring(i-1, i));

**if**(first > 0 && first < 10) {

dp[i] = dp[i - 1];

}

**int** second = Integer.*parseInt*(s.substring(i-2, i));

**if**(second > 9 && second <= 26) {

dp[i] += dp[i-2];

}

}

**return** dp[dp.length-1];

}

}

Time Complexity : O(n) , n is the length of string

Space Complexity : O(n), n is the length of string