

ng. Else -1

2 (words)

1.

## recursion

rec + version = recursion

applepie.

Diagram illustrating the addition of 1 apple and 1 pie to get 1 apple pie.

→ Dynamic Programming

string!

word

$$m = 8$$
$$\underline{\underline{dp[n+1] =}}$$

apple

```
for (int i = 1; i <= n; i++)
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5 for (int j=0; j<i; j++)

```

string temp = s.substr(j, (i-j))

string temp = s.substr(0, (1-j))

if (st\_count(temp) > 0 && dp[j] != INT\_MAX)

$$dp[i] = \min(dp[i], dp[j] + 1)$$

$$\begin{array}{r} j, (i-j) \\ \hline 0, 5-0 \\ \hline 0, 5 \\ \hline \end{array}$$

$$0, (8-4)$$

17

apple pie

$\hat{\sigma} \approx 5$

apple pie

$$S, (8-5),$$

