**QUESTION 2 : ZIG ZAG CONVERSION**

**class Solution:**

**def convert(self, s: str, numRows: int) -> str:**

**if numRows == 1:**

**return s**

**const\_gap = (numRows \* 2) - 2**

**result = []**

**for i in range(numRows):**

**for j in range(i, len(s), const\_gap):**

**result.append(s[j])**

**if i != 0 and i != numRows - 1 and j + const\_gap - 2 \* i < len(s):**

**result.append(s[j + const\_gap - 2 \* i])**

**return ''.join(result)**