1. **Remove k Digits to Form Smallest Number**

def removeKdigits(num: str, k: int) -> str:

stack = []

for digit in num:

while k and stack and stack[-1] > digit:

stack.pop()

k -= 1

stack.append(digit)

result = ''.join(stack[:len(stack) - k]).lstrip('0')

return result if result else "0"

print(removeKdigits("1432219", 3)) # Output: "1219"