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**Sem :5th**

**Subject : Python Programming**

**EXPERIMENT 5:**

**Write a program to reverse every kth row in a matrix.**

**def reverse\_kth\_rows(matrix, k):**

**for i in range(0, len(matrix), k):**

**matrix[i:i+k] = matrix[i:i+k][::-1]**

**# Example usage**

**matrix = [**

**[1, 2, 3],**

**[4, 5, 6],**

**[7, 8, 9],**

**[10, 11, 12]**

**]**

**k = 2 # Reverse every 2nd row**

**reverse\_kth\_rows(matrix, k)**

**# Print the result**

**for row in matrix:**

**print(row)**

**OUTPUT:**

