# String Repeat Problem

Given a string s, how many sequence of length m are repeated?

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | C | A | B | C | D | B | C | D |



In the example above, if M were 3, output would be 4 (ABC x 2; BCD x 2)

# Maximum subsequence sum problem

* + Given N integers A1, A2, …, AN, find the maximum value (≥ 0) of:
    - Don’t need the actual sequence (i,j), just the sum
    - If final sum is negative, output 0
  + E.g., [1, -4, 4, 2, -3, 5, 8, -2]

16 is the answer







