1I Find the Most Frequent Words with Mismatches in a String

Frequent Words with Mismatches Problem
Find the most frequent k-mers with mismatches in a string.

Input: A DNA string *Text* as well as integers k and d.
Output: All most frequent k-mers with up to d mismatches in *Text*.

```
CGACTAGTTT
 ATT  ATT
   ATT
```

Formatting

Input: A DNA string *Text* as well as integers k and d.
Output: A space-separated list of strings representing all most frequent k-mers with up to d mismatches in *Text*.

Constraints

- The length of *Text* will be between 1 and 10^3.
- The integer k will be between 1 and 10^1.
- The integer d will be between 1 and 10^1.
- *Text* will be a DNA string.

Test Cases

Case 1

Description: The sample dataset is not actually run on your code.

Input:

```
ACGTTGCATGTCGCATGATGCATGAGAGCT
4 1
```

Output:

```
ATGC ATGT GATG
```

Case 2

Description: *Text* contains partial and complete matches for the most frequent word.

Input:

```
AGGT
2 1
```

Output:

```
GG
```

Case 3

Description: $d = 0$.

Input:

```
AGGGT
2 0
```

Output:

```
GG
```

Case 4

Description: *Text* has multiple most frequent words.

Input:

```
AGGCGG
3 0
```

Output:

```
AGG GGC GCG CGG
```

Case 5

Description: A larger dataset of the same size as that provided by the randomized autograder.