

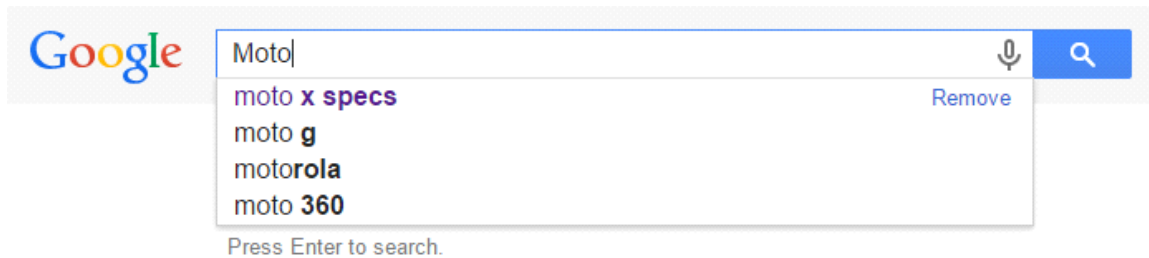
Examen - Un motor de búsqueda primitivo

Problema

Suponga que trabaja en un Centro de investigación, y por supuesto como cualquier centro de investigación tiene una gran cantidad de datos. El centro tiene un motor de búsqueda (Como Google, Yahoo o Bing) muy sencillo y difícil de utilizar para buscar documentos.

Una característica básica de cualquier motor de búsqueda es proveer sugerencias a cualquier entrada.

Ejemplo



Objetivos

- 1- Dar una sugerencia
- 2- Mostrar el documento asociado a la sugerencia

Requerimientos

- 1- Definir un conjunto de palabras correctas para proveer las sugerencias.
- 2- Definir una regla para proveer la sugerencia

Ejemplo

- 1- Meeeeeeeeeeeeeeeeexiiiiiiiiiiiiiiiiico -> Mexico

Documento:

Mexico (Listeni/'mɛksɪkoʊ/; Spanish: México ['mexiko] (listen)), officially the United Mexican States (Spanish: About this sound Estados Unidos Mexicanos (help · info)),^{[9][10][11][12]} is a federal republic in North America. It is bordered on the north by the United States; on the south and west by the Pacific Ocean; on the southeast by Guatemala, Belize, and the Caribbean Sea; and on the east by the Gulf of Mexico.^[13] Covering almost two million square kilometres (over 760,000 sq mi),^[12] Mexico is the fifth largest country in the Americas by total area and the 13th largest independent nation in the world. With an estimated population of over 113 million,^[14] it is the eleventh most populous and the most populous Spanish-speaking country in the world and the second most populous country in Latin America. Mexico is a federation comprising thirty-one states and a Federal District, its capital and largest city.

- 2- Act -> Cat

The domestic cat^{[1][2]} (*Felis catus*^[2] or *Felis silvestris catus*^[4]) is a small, usually furry, domesticated, and carnivorous mammal. They are often called a housecat when kept as an indoor pet,^[6] or simply a cat when there is no need to distinguish them from other felids and felines. Cats are often valued by humans for companionship, and their ability to hunt vermin and household pests.