

# CSE-103

## DISCRETE MATHEMATICS

**ASSIGNMENT NO :** 04  
**ASSIGNED TO :** PROF. DR. M. KAYKOBAD

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**SECTION :** B  
**LEVEL-1 TERM-2**

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Problem No : 13

**Problem Statement :**

*What Boolean search would you use to look for Web pages about beaches in New Jersey? What if you wanted to find Web pages about beaches on the isle of Jersey (in the English Channel) ?*

**Answer :**

Most Web search engines support Boolean searching techniques , which usually can help find Web pages about particular subject .

To search for beaches in New Jersey, we could enter NEW AND JERSEY AND BEACHES. The results of this search will include those pages that contain the three words NEW, JERSEY, and BEACHES.

If we enter (JERSEY AND BEACHES) NOT NEW, then we'll get websites about beaches on the isle of Jersey, except for sites that happen to use the word "new" in a different context (e.g. a recently opened beach there).

If we were sure that the word "isle" was in the name of the location, then of course we could enter ISLE AND JERSEY AND BEACHES.