

Assignment : 1

1. Given a text `txt[0..n-1]` and a pattern `pat[0..m-1]`, write a function `search(char pat[], char txt[])` that prints all occurrences of `pat[]` in `txt[]`. You may assume that $n > m$.

2.
 - a. Generate all suffixes of given text.
 - b. Consider all suffixes as individual words and build a trie.

3. What are cryptographic hash functions that impact the security of the passwords ?Explain in detail.

4. Implement password protection system that enables security of the password using cryptographic hashing functions.