## Problem 1

- 1. Creating hash function only relate to the first element of the array might leads to collision if me have another array start with the same element
- 2. If the array only home I or 2 element, it probably mill cause collision for sure
- 3. It's quite reliable but there's still a chance to cause collision if the array shares some element with another.

Reliability: 3 > 2 > 1

Better hash function:

hash = (hosh x hosh base + array [i]) % m two mong generativy hash value from this hosh function won't have collision as long as the table is big enough even if he have two identical array.

Problem 2 Next Page.

