

































Hash tables: hash function examples
Can the keys be strings?
<ul> <li>Most hash functions assume that the keys are natural numbers</li> </ul>
<ul> <li>If keys are not natural numbers, a way must be found to interpret (translate) them as natural numbers</li> </ul>
EXAMPLE
<ul> <li>Add up the ASCII value of the characters in the string</li> </ul>
Problems:
<ul> <li>different permutations of the same set of characters would have the same hash value</li> </ul>
the keys are well distributed in the table?
ALMA MATER STUDNORUM © Luciano Bononi Algorithms and Data Structures 2010-2011 18

























