1.) Storing has all unique chanaders -) You can not use extra space on additional data stanctures. Smd a Sp -) false n+ n-1+n-2+-- = O(n2) Spore -) &() motoring & composing is brush force. -) we can try to with Hashset class GfG { boolean uniqueCharacters(String str) Spains = gage // Assuming string can have characters a-z // this has 32 bits set to 0 int checker = 0; for (int i = 0; i < str.length(); i++) {</pre> int bitAtIndex = str.charAt(i) - 'a'; Litindex // if that bit is already set in checker, // return false 3 -> (0 & 1000) folso if ((checker & (1 << bitAtIndex)) > 0) return false; // otherwise update and continue by =) checker = 0 / 1000 // setting that bit in the checker checker = checker | (1 << bitAtIndex); // no duplicates encountered, return true return true; =) ()-) (100081) 20

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