Assignment - 3

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1. **Write a function that finds a prime number(s) given a set of numbers. For example you have a vector of numbers like (89, 107, 597, 931, 1083). The function you will write should return a logical vector depending on the given number is prime or not.**
   * The numbers are:
     + 37, 77, 88, 80, 62, 35, 89
   * Is it prime or not?
     + TRUE, FALSE, FALSE, FALSE, FALSE, FALSE, TRUE
2. **Write a function that finds the letter numbers of all words in a given text and sorts the text according to those numbers from words with few letters to words with many letters. Sort the words containing the same number of letters alphabetically.**

* These are the sentences that is took sample from ‘sentences’ in tidyverse.

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| sentences |
| At night the alarm roused him from a deep sleep. |
| Get the trust fund to the bank early. |
| The bunch of grapes was pressed into wine. |
| We dress to suit the weather of most days. |
| We talked of the slide show in the circus. |
| Tight curls get limp on rainy days. |

* And this is the final form, sorted alphabetically in lowercase letters according to their length.
  + " a at in of of of on to to we we get get him the the the the the the the was bank days days deep from fund into limp most show suit wine alarm bunch curls dress early night rainy sleep slide tight trust circus grapes roused talked pressed weather "