

1) Write a JavaScript function called `text_to_array` that prompts the user to enter some phrase, and after that, each word in the phrase is stored in an array called `words`. Each slot of the array contains one word. (Do not worry about punctuation.) Hint: use the `split` method to split the text by " ".

2) Write a JavaScript function called `reverse_sort` that takes as an argument the array `words` and sorts it in reverse lexicographical order.

3) The user is prompted to enter numbers until he hits cancel. Then, a histogram of these numbers is printed to the browser. For example, if the user inputs the numbers

532

The browser should output the following picture:

```
*** ** *
```

```
*
```

4) Write a Javascript program to validate the Date of Birth entered by the user. It should be in the form DD-MM-YYYY

5) Write a JavaScript program which iterates the integers from 1 to 100. For multiples of three print "Fizz" instead of the number and for the multiples of five print "Buzz". For numbers which are multiples of both three and five print "FizzBuzz".

6) Write a function named `assignGrade` that:

- takes 1 argument, a number score.
- returns a grade for the score, either "A", "B", "C", "D", or "F".

Check the results of your `assignGrade` function by displaying every value from 60 to 100 5 times. your log should show "For 88, you got a B. For 89, you got a B. For 90, you got an A. For 91, you got an A.", etc., logging each grade point in the range.