Skillset Assignment:

This assignment has 2 parts: Frontend and Backend. Both have 10 marks each for complete solution.

- **Frontend (10 marks):**
- Make a beautiful form page
  - Form that has the following:
    - An input section for entering a text paragraph
    - A submit button that sends request to backend server
    - Send request through Ajax to backend server
    - Wait for getting the response.
    - The response will contain 4 json text paragraphs.
    - Display the 4 output paragraphs in text boxes below the submit button. These output boxes should not be visible till the time we submit the form in the beginning.
    - All the 4 output boxes should be in same line horizontally scrollable.
- **Backend (10 marks):**
  - Make a simple flask / python API that receives an input from the Ajax request.
  - The API should perform the following function:
    - Replace the word "the" in the input paragraph to words:
      - alpha,
      - beta,
      - gamma,
      - delta
    - Once the function has generated 4 different outputs, send them back as a Json response to the request.

Time: 1 day.

We expect to see a simple demo of whatever you have developed.

Once completed, please message us about the same.