



Backend Developer Round-1 Questions

Please read the questions carefully before you start

1. WAP to check if the given contact number is valid or invalid using regular expressions-

(Summary: Different country has a different type of representation on how they write their contact numbers, and the same number can be written in all kinds of other formats, so you have to analyse if the given number is valid or not based on your understanding).

Examples of different formats of numbers found on websites:

- 2124567890
- 212-456-7890
- (212)456-7890
- (212)-456-7890
- 212.456.7890
- 212 456 7890
- +12124567890
- +12124567890
- +1 212.456.7890
- +212-456-7890
- 1-212-456-7890

As we can see above these are all the same numbers written in a different format, but they all are valid numbers. If you cannot prove all of them to be valid numbers, hoping to have at least 5 of them correctly to pass this.

HINT: The standard format is - *[+][country code][area code][local phone number]*

2. WAP to get the Social Links, Email & Contacts details of a website on user input.

Input:

<https://ful.io>

Output:

Social links -

<https://www.facebook.com/fulioTech/>

<https://www.linkedin.com/company/ful-io/>

Email/s-

support@ful.io

Contact:

+1 343 303 6668

3. One-Line Answers (Answers to be written on .txt file)-
 - A. What is reverse-i-search in a Linux terminal?
 - B. How do you list out the hidden directories using Linux command line tool?
 - C. How comfortable are you with using Linux-based OS like Ubuntu, Centos, etc?
 - D. Have you ever used Servers to host any web applications in the past? If yes, what services did you set up (Like- Apache/Nginx/FTP/SMTP, etc)?

Things to keep in mind before starting-

1. You need to share the link of your Git (GitHub/GitLab/BitBucket) repository link (We won't be accepting any attachments/screenshots/notebook photos for your answers).
Only the <filename>.py file should be uploaded for 1&2 ques. Do not upload <filename>.ipnb file
2. You're advised to submit if you can complete at least one of the coding solutions along with the one-line answers. (Only submitting the answer to 3rd question will result in direct disqualification)
3. All 3 questions are mandatory. There are no optional questions.