OpenBook Assessment Test -3

March 9, 2019

1 OpenBook Assessment Test -3

Duration: 90 mins

```
Please type python programs for the following. Once done please move all the code files to
a foder in your name. Compress the folder and email it to the coordinator.
```

Q1: Using the built-in function, divmod(), try to get the reverse of a 5 digit number, and the sum of its digits

Q2: Write a program to generate csv file containing the follow data:

```
    Name        DOB      Email ID
```

NOTE: Date of Birth should be in ISO format. All data should be random. Email ids should be valid.

Q3: Write a program to read the csv file generated using **Q2**, and send an email to the person, if their DOB is today(twick the csv file in accordance, if needed).

Create an account and send email using https://smsapi.engineeringtgr.com/

Q4: Write a greeting card image containing the text "Happy New Year [CURRENT YEAR]" in ariali font

Q5: Write a program to read the image generated in **Q4** and send the image as email content (not attachment) using the sendgrid API.

Ensure the API credentials were read from configuration file.

NOTE: create a free trail account in https://sendgrid.com