Project 001

ID Cards Generator

Language : Python | Difficulty : * * *

Dead-line : November 22th

CODE wants to organize an event , Logistic cell has a database that contains the information about the invited guests and CODE members, they were given one day to prepare the ID cards for over 500 guest and member , Unfortunately the Design cell is very busy during that day , Omar suggested writing a python program that generates automatically all files ready for printing from the given database and one design template, Your task is to write a python program that reads and identifies elements of the dataset, and fill the ID card template with each one's information(code, first_name, last_name, function, date_of_birth, submission_date, picture).

The expiration date is 15 days after the submission date. (Consider 29 day in February)

You will create the design template using any tool you choose;

1- Design materials and graphics will be provided in your email address*.
2- The dataset as well will be provided in your email address*.

Input

You will use "dataset_sample.xlsx" file like this one :

code	first_name	last_name	function	date_of_birth	submission_date	picture
2709538983	Ramiz	ELYAJI	Sponsoring Head	17/04/1990	03/02/2019	https://www.
2352758235	Oussama	DAOUDI	Product Manager	13/02/2000	25/02/2019	https://www.
2784468096	Asmae	BERADA	Data Analyste	06/01/1995	10/03/2019	https://www.
2789478643	Yassir	ILYAS	Community Manager	20/10/2001	28/03/2019	https://www.
3789457654	Oumaima	AHMED	Journaliste	13/07/1997	17/02/2019	https://www.
8053797754	Ali	ASSIF	Technical Team	19/12/1998	13/02/2019	https://www.

N : The number of entries in the judge's file is Unknown.

Output

- N pdf file in a directory named "Output_files"
- Every pdf contains the corresponding information of the ID Card Owner
  (code, first_name, last_name, function, date_of_birth, *expiration_date*, picture)
- Text should be formatted as the example above ^^
- Barcode is generated from the code sequence (type:code128)
- All ID cards are in a landscape orientation (size:A8)

(*) Please confirm your participation to receive all project materials.

Good Luck