

Problem Statement:

You are given an excerpt from a scanned document that has certain important information we need extracted in ordered format. The data describes certain field values used in our old database and we need to map these to some fields in our upgraded database. Your task is to write a program that extracts this information from the given **data_sample.pdf** and returns the output in a **structured csv file** as shown below.

Structure of the page:

Green Boxes: *field_name*

Red Boxes: *field_type*

Blue boxes: *field_description*

MRTINDIVIDUAL (MRT-IND-CODE)	FIELD: INDIVIDUAL IDENTIFICATION	SC2 011 x(2)
Code 01-09 should identify the individual based on the categories mentioned in the handbook.		
MRTGROUP (MRT-GRP-CODE)	FIELD: GROUP IDENTIFICATION	SC2 025 s9(3)
The field indicates the group an individual falls in. The classification is as follows: 000 - 099: Lies in the 1 st group 100 - 199: Lies in the 2 nd group 200 - 299: Lies in the 3 rd group 300 - 399: Lies in the 4 th group		
MCVINTEREST (MCV-INT-RATE)	FIELD: PHASE CODE	SC4 012 s9(2)v9(2)
This field governs how interest is to be applied to the fund. The code is: 1 = Refers to actual interest rate as entered in rate or table code field. 2 = Use a fixed or contractual interest schedule by duration as identified by the rate or table code field.		
MGCOPT (MGPCURR-OPT)	FIELD: CURRENT OPTION	SC1 07 X(1)
This code indicates the guaranteed participation of the policy. O = Values waiting to be declared and applied. This value will be present from the time that next year's values are set up in the participation information trailer until the values are declared and applied. The following code indicate the option to which application of the guaranteed participation was made. If any guaranteed value was applied to a second option, then the guaranteed value fields indicate the second and/or mandatory options. B = Deposit at interest C = Cash D = Premium reduction F = Paid-up additions or Index Additions N = Do not Apply Values. P = Mutual fund (applies to MWU from CFO only)		

(Note: You might need to do some extra processing to extract the highlighted parts of the text.)

Expected Output:

Your code should generate a file named **output.csv** with the following table completed.

No	field_name	field_type	field_description
1	MRT-IND-CODE	x(2)	Code 01-09 should identify the individual based on the categories mentioned in the handbook.
2	---	---	---
3	---	---	---
4	---	---	---

Evaluation:

You will be evaluated based on your approach to the problem, the execution of the code and accuracy of the results.