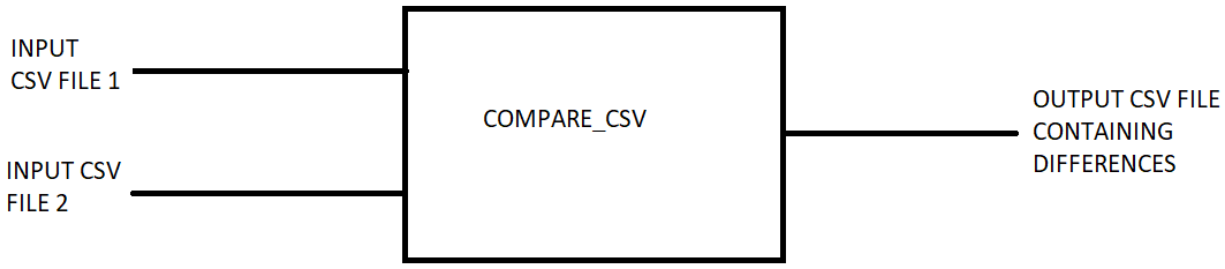
EQUIVALENCE CLASS PARTITIONING



1. **Equivalence class 1** (file 1 is empty): if file 1 is empty then it's records can't be compared to file 2's records
    a. Input CSV FILE 1: Empty
    b. Input CSV FILE 2:

Customer	Account N	Currency	Type	Balance
ID1	BOS96321	USD	SAVINGS	962510
ID2	BOS85992	AUD	CURRENT	989898
ID3	BOS65661	USD	CURRENT	595290

    c. Middle value: any two files, one of which contains records and one that doesn't
    d. Boundary value
2. **Equivalence class 2** (file 2 is empty): if file 2 is empty then it's records can't be compared to file 1's records
3.
    a. Input CSV FILE 1:

Customer	Account N	Currency	Type	Balance
ID1	BOS96321	USD	SAVINGS	962510
ID2	BOS85992	AUD	CURRENT	989898
ID3	BOS65661	USD	CURRENT	595290

    b. Input CSV FILE 2: Empty
    c. Middle value:
4. **Equivalence class 3**: If both files are empty then they have no records to compare
    a. Input CSV FILE 1: Empty
    b. Input CSV FILE 2: Empty
    c. Middle value: any two files which contain 0 records
    d. Boundary value:
5. **Equivalence class 4** (file 1 and file 2 are identical): if both files are identical then the program will yield no mismatches
    a. Input CSV FILE 1:

Customer	Account N	Currency	Type	Balance
ID1	BOS96321	USD	SAVINGS	962510
ID2	BOS85992	AUD	CURRENT	989898
ID3	BOS65661	USD	CURRENT	595290

b. Input CSV FILE 2:

Customer	Account N	Currency	Type	Balance
ID1	BOS96321	USD	SAVINGS	962510
ID2	BOS85992	AUD	CURRENT	989898
ID3	BOS65661	USD	CURRENT	595290

c. Middle value: any two files which when passed to compare_csv show 0 mistmatches
d. Boundary value

6. **Equivalence class 5** (file 1 and file 2 contain mismatches): if file 1 and file 2 contain mismatches then their mismatches will be written to the output file
    a. Input CSV FILE 1: sample_file_1.csv
    b. Input CSV FILE 2: sample_file_3.csv
    c. Middle value: any two files which when passed to compare_csv show more than one mismatch
    d. Boundary value: any two files which when passed to compare_csv show exactly one mismatch