Q1.1

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| **Condition D'Entrée** | **Classes Valides** | **Classes Invalides** |
| prov | CE1: prov est element de {“AB”, “BC”, “MB”, “NB”, “NL”, “NS”, “NT”, “NU”, “ON”, “PE”, “QC”, “SK”, “YT”, “OC”} | CE2: prov est null  CE3: prov ne fait pas partie de {“AB”, “BC”, “MB”, “NB”, “NL”, “NS”, “NT”, “NU”, “ON”, “PE”, “QC”, “SK”, “YT”, “OC”} |
| amt | CE4: amt>=0 | CE5: amt < 0 |
| fedExmp | CE6: fedExmp est un boolean | CE7: null |
| provExmp | CE8: provExmp est un boolean | CE9: null |

Q1.2

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| **Entrée/Sortie** | **CEs** | **Condition de borne** | **Exemples de valeurs** |
| prov / (valide) | CE1 | prov est parmi {“AB”, “BC”, “MB”, “NB”, “NL”, “NS”, “NT”, “NU”, “ON”, “PE”, “QC”, “SK”, “YT”, “OC”} | “AB”, “BC”, “MB”, “NB”, “NL”, “NS”, “NT”, “NU”, “ON”, “PE”, “QC”, “SK”, “YT”, “OC” |
| prov / (invalide) | CE2 | prov est null | “” |
| prov / (invalide) | CE3 | prov n’est pas element de {“AB”, “BC”, “MB”, “NB”, “NL”, “NS”, “NT”, “NU”, “ON”, “PE”, “QC”, “SK”, “YT”, “OC”} | “DF”, “Khang”, “Blah” |
| amt / (valide) | CE4 | amt >= 0 | 0,1,1000,100000 |
| amt / (invalide) | CE5 | amt < 0 | -1, -3, -500, -1000 |
| fedExmp / (valide) | CE6 | fedExmp = true ou false | true, false |
| fedExmp / (invalide) | CE7 | fedExmp = not a boolean | “Yes”, null |
| provExmp / (valide) | CE8 | provExmp = true ou false | true, false |
| provExmp / (invalide) | CE9 | fedExmp = not a boolean | “allo”,null |

Q1.3

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| **Numéro de Cas de Test** | **Données de Test** | **Résultats escomptés** | **Classes D'Equivalences couvertes** |
| 1 | prov: “AB”  amt: 0  fedExmp: true  provExmp: false | (0.0, 0.0, 0.0, 0.0) | CE1, CE4, CE6, CE8 |
| 2 | prov:  amt: 142  fedExmp: true  provExmp: true | ValueError("Undefined Province") | CE2 |
| 3 | prov: “Khang”  amt: 123  fedExmp: true  provExmp: true | ValueError("Undefined Province") | CE3 |
| 4 | prov: “NT”  amt: -1  fedExmp: true  provExmp: false | raise ValueError("Invalid Amount") | CE5 |
| 5 | prov: “BC”  amt: 20  fedExmp:  provExmp: false | ValueError("Illegal type for argument") | CE7 |
| 6 | prov: “OC”  amt: 30  fedExmp: true  provExmp: | ValueError("Illegal type for argument") | CE9 |
| 7 | prov: “SK”  amt: 543  fedExmp:“allo”  provExmp: false | ValueError("Illegal type for argument") | CE7 |
| 8 | prov: “YT”  amt: 600  fedExmp: false  provExmp: “oui” | ValueError("Illegal type for argument") | CE9 |
| Resultats Escomptee | | | |
| 9 | prov: “NL”  amt: 1234  fedExmp: true  provExmp: true | (1234.0, 0.0, 0.0, 0.0) | CE1, CE4, CE6, CE8 |
| 10 | prov: “ON”  amt: 14423543  fedExmp: false  provExmp: true | (16298603.59, 1875060.59, 0.0, 0.0) | CE1, CE4, CE6, CE8 |
| 11 | prov: “QC”  amt: 432154  fedExmp: false  provExmp: false | (496869.0615, 0.0, 21607.7, 43107.36149999999) | CE1, CE4, CE6, CE8 |

Question 2:

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| Paramêtres/Conditionsenvironmentales | Catégories | Choix | Propriétés | Contraintes |
| infilename | extension | Null |  | [erreur] |
| infilename | extension | File not .csv |  | [erreur] |
| infilename | extension | File is .csv |  |  |
| OutFilename | name | null | Infilename defined |  |
| OutFilename | name | defined |  |  |
| Encoding | type | null |  |  |
| Encoding | type | UTF-8 |  |  |
| Encoding | type | Windows-1252 |  |  |
| Css classes | size | null |  |  |
| Css classes | size | Size >0 |  |  |
| Completehtml | value | true |  |  |
| Completehtml | value | false |  |  |
| header | Has header | true | Première ligne sans commentaire |  |
| header | Has header | false |  |  |
| Environment: Le fichier csv | Contenu des champs | Contient virgule | Entre guillemets double |  |
| Le fichier csv | Contenu des champs | Contient guillemets double | Entre guillemets double |  |
| Le fichier csv | Sépation des champs | Entre guillemets double |  |  |
| Le fichier csv | Sépation des champs | Simplement entre virgule |  |  |
| Le fichier csv | Première ligne | À un commentaire |  |  |
| Le fichier csv | Première ligne | Sans commentaire |  |  |