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| Clone Pair | Root causes | Further comments |
| Clone class 1 | 1.a(iv) |  |
| Clone class 2 | 1.a(iv) |  |
| Clone class 3 | 1.a(iv) |  |
| Clone class 4 | 1.a(iv) |  |
| Clone class 5 | 1.a(iv) |  |
| Clone class 6 | 1.a(iv) |  |
| Clone class 7 | 1.a(iv) |  |
| Clone class 8 | 1.a(iii) |  |
| Clone class 9 | 1.a(iv) |  |

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| Clone Pair | Why Not Refactorable/Risks in refacotring |
| Clone class 1 | The code is just repeated once. |
| Clone class 2 | Not possible to refactor because there are no actually repeated code |
| Clone class 3 | Not possible to refactor because there are no actually repeated code |
| Clone class 4 | Not possible to refactor because there are no actually repeated code |
| Clone class 5 | Not possible to refactor because there are no actually repeated code |
| Clone class 6 | Not possible to refactor because there are no actually repeated code |
| Clone class 7 | Not possible to refactor because there are no actually repeated code |
| Clone class 8 | Do not have enough to refactor the structure of two class. |
| Clone class 9 | Not possible to refactor because there are no actually repeated code |