|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Command APDU | | | | | | | | Response APDU | | |
| Command | CLA | INS | P1 | P2 | Lc | Data Field | Le | Data Field | SW1 | SW2 |
| Establish connection with CardReader Simulation | 0x0 | 0xA4 | 0x4 | 0x0 | 0x6 | 0x7C 0xF 0x1B 0x1 0x88 0x1 | 0x0 | Empty | 0x90 | 0x0 |
| Enter PIN 1234 | 0xB0 | 0x20 | 0x0 | 0x0 | 0x4 | 0x1 0x2 0x3 0x4 | 0x0 | Empty | 0x90 | 0x0 |
| Check Balance (=89) | 0xB0 | 0x50 | 0x0 | 0x0 | 0x1 | 0x7F | 0x2 | 0x0 0x59 | 0x90 | 0x0 |
| Credit (+100) | 0xB0 | 0x30 | 0x0 | 0x0 | 0x1 | 0x64 | 0x0 | Empty | 0x90 | 0x0 |
| Check Balance (=189) | 0xB0 | 0x50 | 0x0 | 0x0 | 0x1 | 0x7F | 0x2 | 0x0 0xBD | 0x90 | 0x0 |
| Debit (-50) | 0xB0 | 0x40 | 0x0 | 0x0 | 0x1 | 0x32 | 0x0 | Empty | 0x90 | 0x0 |
| Check Balance (=139) | 0xB0 | 0x50 | 0x0 | 0x0 | 0x1 | 0x7F | 0x2 | 0x0 0x8B | 0x90 | 0x0 |
| Credit (+100 without enter PIN) | 0xB0 | 0x30 | 0x0 | 0x0 | 0x1 | 0x64 | 0x0 | Empty | 0x63 | 0x11 |
| Enter wrong PIN 3425 | 0xB0 | 0x20 | 0x0 | 0x0 | 0x4 | 0x3 0x4 0x2 0x5 | 0x0 | Empty | 0x63 | 0x12 |
| Unblock Card | 0xB0 | 0x60 | 0x0 | 0x0 | 0x1 | 0x7F | 0x0 | Empty | 0x90 | 0x0 |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |

JavaCard: + certificate might different for different areas.