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; Demo script for MIFARE 1K card and ACR122U PC/SC reader

; (c) 2008, Advanced Card Systems Ltd.

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; [1] Load (Mifare Default) key in reader (key location 0)

APDU: FF 82 00 00 06 FF FF FF FF FF FF

Expected Response:(9000)

; [2] Authenticate sector 0, Block x with key at location 0

APDU: FF 86 00 00 [xx] 01 00 21 60 00

Expected Response: (9000)

; [3] Update the 16 bytes in Sector 0, block [xx]

APDU: FF D6 00 [xx] [xx xx xx xx xx xx xx xx xx xx xx xx xx xx xx xx xx]

Expected Response: (9000)

; [4] Read the full 16 bytes from Sector 0, Block [xx]

APDU: FF B0 00 [xx] 10

Expected Response: [xx xx xx xx xx xx xx xx xx xx xx xx xx xx xx xx] (9000)

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; [1] Load (Mifare Default) key in reader (key location 0)

FF 82 00 00 06 FF FF FF FF FF FF (9000)

; [2] Authenticate sector 0, Block 0 with key at location 0

FF 86 00 00 05 01 00 21 60 00 (9000)

; [3] Read the full 16 bytes from Sector 0, Block 1

FF B0 00 21 10 [xx xx xx xx xx xx xx xx xx xx xx xx xx xx xx xx] (9000)

; [4] Update the 16 bytes in Sector 0, block 1

FF D6 00 21 10 00 01 02 03 04 05 06 07 08 09 0A 0B 0C 0D 0E 0F (9000)

; [5] Read the full 16 bytes from Sector 0, Block 1 again

FF B0 00 21 10 [xx xx xx xx xx xx xx xx xx xx xx xx xx xx xx xx] (9000)