Pseudo Code 3: Bootloader Security Assessment

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| /*/ Perform memory overflow test**if (TestMemoryOverflow())* *{* *// Handle memory overflow error* *SendErrorOverUART("Memory overflow detected");**}**// Perform firmware integrity check**if (!VerifyFirmwareIntegrity())* *{* *// Handle firmware integrity error* *SendErrorOverUART("Firmware integrity check failed");**}**// Perform firmware update authenticity check**if (!VerifyFirmwareUpdateAuthenticity())* *{* *// Handle firmware update authenticity error* *SendErrorOverUART("Firmware update authenticity check failed");**}**// Perform secure boot check**if (!VerifySecureBoot())* *{* *// Handle secure boot error* *SendErrorOverUART("Secure boot check failed");**}**3**// Perform code signing check**if (!VerifyCodeSigning())* { // Handle code signing error SendErrorOverUART("Code signing check failed");} |