

/free

QUSBPrv = 0;

QC3Ha = 3;

// create Algorithm context - multiple reads  
CrtAlgCtx(QC3D0500 : 'ALGD0500' : QC3ACT : QUSEC);

QC3FOF = '0';

//Set the HASH Algorithm  
//We want SHA256  
alg.HashAlg = HASH\_SHA256;

// read the XML payment file records  
setll 1 F04572sp;  
read F04572sp;  
do while %eof(F04572sp);

// set the work variables to the data record contents/length  
data = %trim(AF04572SP);  
length = %len(%trimr(data));

// Load each record into DS  
HshDta(data : length : 'DATA0100'  
: QC3D0100 : 'ALGD0100' : '0' : '  
: HashValue : QUSEC);

// get next record  
read F04572sp;  
enddo;

// create the hash value  
QC3FOF = '1';  
HshDta(' ' : '0' : 'DATA0100'  
: QC3D0100 : 'ALGD0100' : '0' : '  
: HashValue : QUSEC);

DltAlgCtx(QC3ACT : QUSEC);

base64\_encode( %addr(HashValue)  
: %len(HashValue)  
: %addr(OutValue)  
: %size(OutValue));