11. Примеры объектов json  
  
header => {"alg":"RS256"}

Преобразовать в заголовок Base64URL  
eyJhbGciOiJSUzI1NiJ9

Данные для создания полезной нагрузки  
{MerchantID:"77777701001",TerminalID:"E0177771",OrderID:"orderToken1",UPCToken:"1068955433FEBE8B2F237B94A0B10ADC",TotalAmount:100,Currency:980,PurchaseTime:"180919174126",PurchaseDesc:"Test token"}

Конвертировать в полезную нагрузку Base64URL  
e01lcmNoYW50SUQ6Ijc3Nzc3NzAxMDAxIixUZXJtaW5hbElEOiJFMDE3Nzc3MSIsT3JkZXJJRDoib3JkZXJUb2tlbjEiLFVQQ1Rva2VuOiIxMDY4OTU1NDMzRkVCRThCMkYyMzdCOTRBMEIxMEFEQyIsVG90YWxBbW91bnQ6MTAwLEN1cnJlbmN5Ojk4MCxQdXJjaGFzZVRpbWU6IjE4MDkxOTE3NDEyNiIsUHVyY2hhc2VEZXNjOiJUZXN0IHRva2VuIn0=

Создать подпись на основе полученных данных.  
prepare signature= datafile1 =”header”.”payload”

eyJhbGciOiJSUzI1NiJ9.e01lcmNoYW50SUQ6Ijc3Nzc3NzAxMDAxIixUZXJtaW5hbElEOiJFMDE3Nzc3MSIsT3JkZXJJRDoib3JkZXJUb2tlbjEiLFVQQ1Rva2VuOiIxMDY4OTU1NDMzRkVCRThCMkYyMzdCOTRBMEIxMEFEQyIsVG90YWxBbW91bnQ6MTAwLEN1cnJlbmN5Ojk4MCxQdXJjaGFzZVRpbWU6IjE4MDkxOTE3NDEyNiIsUHVyY2hhc2VEZXNjOiJUZXN0IHRva2VuIn0=

Используя пример: openssl

openssl dgst -sha256 -sign %1 datafile1 > signature.bin

и преобразовать в  
openssl base64 -e -in signature. -out signature

signature= EXDEhK9kMK0lwTEWH4mm1oJvKm5vVFyXnyDnqEDHDc3mYyXEhLv3Ih6\_fdmN-apUPxgV5GEpV0YQWTuSyGF3o32dF0n-A4LrZ93z8Dw7gj9ULLd5ffRE42x0tFL6jNNEnVUbj8WB1UeR6mRN4l4aTRaNU123hq6UIqB\_jsTxWJU

Создать JSON-запрос на <https://ecg.test.upc.ua/go/payByToken>

{  
header:"eyJhbGciOiJSUzI1NiJ9",  
payload:"e01lcmNoYW50SUQ6IjE3NTI3MzkiLFRlcm1pbmFsSUQ6IkU3ODgwNTM5IixPcmRlcklEOiJ0b2tlbiIsVVBDVG9rZW46IjI1NDQ4NEMxNjJFRUMxM0U1QjAxMjczNjI4ODY4M0FDIixUb3RhbEFtb3VudDo1MDAsQ3VycmVuY3k6OTgwLFB1cmNoYXNlVGltZToiMTgwOTE5MTc0MTI2IixQdXJjaGFzZURlc2M6IlRlc3QgdG9rZW4ifQ==",  
signature:"EXDEhK9kMK0lwTEWH4mm1oJvKm5vVFyXnyDnqEDHDc3mYyXEhLv3Ih6\_fdmN-apUPxgV5GEpV0YQWTuSyGF3o32dF0n-A4LrZ93z8Dw7gj9ULLd5ffRE42x0tFL6jNNEnVUbj8WB1UeR6mRN4l4aTRaNU123hq6UIqB\_jsTxWJU"}

Получить ответ json  
{{{ "header": "eyJhbGciOiJSUzUxMiJ9", "payload": "eyJNZXJjaGFudElEIjoiMTc1MjczOSIsIlRlcm1pbmFsSUQiOiJFNzg4MDUzOSIsIkFwcHJvdmFsQ29kZSI6Ijc1ODUwOCIsIlJybiI6IjgyNzUxMjM3NTEzMiIsIkhvc3RDb2RlIjoiMDAwIiwiVHJhbkNvZGUiOiIwMDAiLCJDb21tZW50IjoiQXBwcm92ZWQifQ", "signature": "iJucvSFqxVx6mCSSNfd3BqHBgjWEuWxxAbtdUKebj4LzNeJl\_tAQG7Yqu-tpL8c\_Sm7DKkYu1Ehmi0NOgn4VP8\_KM34d5E7wgpWYhIjEBl\_By4Bcyex2MuMRzxukNDnWqYpFZXljbObm9gezS70rSoCcx6LHvdInW5LfdZY3lVo" }}}

который декодируется в

{"MerchantID":"1752739","TerminalID":"E7880539","ApprovalCode":"758508","Rrn":"827512375132","HostCode":"000","TranCode":"000","Comment":"Approved"}