```
###########################################################
###

  Elliptic Curve Digital Signature Algorithm
     Curve: P-256
     Hash Algorithm: SHA-256

     Message to be signed: "Example of ECDSA with P-256"

###########################################################
###

  Signature Generation
    H:
A41A41A12A799548211C410C65D8133AFDE34D28BDD542E4B680CF2899C
8A8C4

    E:
A41A41A12A799548211C410C65D8133AFDE34D28BDD542E4B680CF2899C
8A8C4

    K:
7A1A7E52797FC8CAAA435D2A4DACE39158504BF204FBE19F14DBB427FAE
E50AE

    Kinv:
62159E5BA9E712FB098CCE8FE20F1BED8346554E98EF3C7C1FC3332BA67
D87EF

    R_x:
2B42F576D07F4165FF65D1F3B1500F81E44C316F1F0B3EF57325B69ACA4
6104F

    R_y:
3CE76603264661EA2F602DF7B4510BBC9ED939233C553EA5F42FB3F1338
174B5

    R:
2B42F576D07F4165FF65D1F3B1500F81E44C316F1F0B3EF57325B69ACA4
6104F

    D:
C477F9F65C22CCE20657FAA5B2D1D8122336F851A508A1ED04E479C3498
5BF96
```

```
    S:
DC42C2122D6392CD3E3A993A89502A8198C1886FE69D262C4B329BDB6B6
3FAF1

    Signature
        R:
2B42F576D07F4165FF65D1F3B1500F81E44C316F1F0B3EF57325B69ACA4
6104F

        S:
DC42C2122D6392CD3E3A993A89502A8198C1886FE69D262C4B329BDB6B6
3FAF1

============================================================
==

  Signature Verification
    Q_x:
<B7E08AFDFE94BAD3F1DC8C734798BA1C62B3A0AD1E9EA2A38201CD0889
BC7A19>
    Q_y:
<3603F747959DBF7A4BB226E41928729063ADC7AE43529E61B563BBC606
CC5E09>

    H:
<A41A41A12A799548211C410C65D8133AFDE34D28BDD542E4B680CF2899
C8A8C4>

    E:
<A41A41A12A799548211C410C65D8133AFDE34D28BDD542E4B680CF2899
C8A8C4>

    Sinv:
<F63AFA3939902A4CA9F019CE77E5A59FB48E4CAA50EB9601EF02809E03
3F9057>

    U:
<B807BF3281DD13849958F444FD9AEA808D074C2C48EE8382F6C47A4353
89A17E>

    V:
<1777F73443A4D68C23D1FC4CB5F8B7F2554578EE87F04C253DF44EFD18
1C184C>
```

```
    Rprime.X:
<2B42F576D07F4165FF65D1F3B1500F81E44C316F1F0B3EF57325B69ACA
46104F>

    Rprime.Y:
<3CE76603264661EA2F602DF7B4510BBC9ED939233C553EA5F42FB3F133
8174B5>

    Rprime:
<2B42F576D07F4165FF65D1F3B1500F81E44C316F1F0B3EF57325B69ACA
46104F>

Verification Passed!
```