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

  Elliptic Curve Digital Signature Algorithm
     Curve: B-233
     Hash Algorithm: SHA3-224

     Message to be signed: "Example of ECDSA with B-233"

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

  Signature Generation
    H:
3FB3C2CFB95CD4994B00274AC0B87E1179F91EC1C414FB25F73B7884

    E:
3FB3C2CFB95CD4994B00274AC0B87E1179F91EC1C414FB25F73B7884

    K:
8A65482917BA18F1E8B266A3795B0A3A09C439FA6B611E37123BAF72

    Kinv:
97589E4B9B7C0F0C1E58D2AC61E8297D83FE7D00172E64B7D0DF207DD9

    R_x:
186806715D9620F0A3E62C1BA593D9817B6DCB23DE85BF504C326629E63

    R_y:
17A9A5F0476B3CBC612CE37AE5722C0E56D392B4A5D1D91407C8AB4855B

    R:
86806715D9620F0A3E62C1BA593D842E41F582B37F39F1E79D2292BD8C

    D:
8AF6D5A8E875977C7D4BA1F611CF7B6D70B26140BF84A1CC281F1B7B

    S:
D57867ACD82E45EDE4F8B92D0401257C7100F58D143DED7B5813388704

    Signature
        R:
86806715D9620F0A3E62C1BA593D842E41F582B37F39F1E79D2292BD8C

        S:
```

```
D57867ACD82E45EDE4F8B92D0401257C7100F58D143DED7B5813388704

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

  Signature Verification
    Q_x:
<1D3AD52D68F8383F582E2BA00F89CE1632211EDC24440C31798E0C8ED4
0>
    Q_y:
<6C3B96CC0E6BC59355A1294E22DBF1D4B9071C28DA1389B6DEBE0E7F43
>

    H:
<3FB3C2CFB95CD4994B00274AC0B87E1179F91EC1C414FB25F73B7884>

    E:
<3FB3C2CFB95CD4994B00274AC0B87E1179F91EC1C414FB25F73B7884>

    Sinv:
<5EBEC5B91B912830D00543671FB67A15F2F3C62494E38CBE1AC5C75BF3
>

    U:
<7397EABA8E57DC47DE95D2EC4E511D1FCE03E74CA67D285A695A347CAE
>

    V:
<614C224D1C0E22D9AB8C68266D9D1F9CDBFB9EA8C22B574A241B095206
>

    Rprime.X:
<186806715D9620F0A3E62C1BA593D9817B6DCB23DE85BF504C326629E6
3>

    Rprime.Y:
<17A9A5F0476B3CBC612CE37AE5722C0E56D392B4A5D1D91407C8AB4855
B>

    Rprime:
<86806715D9620F0A3E62C1BA593D842E41F582B37F39F1E79D2292BD8C
>

Verification Passed!
```