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const {extendContextLoader} = require('jsonld-signatures')
const vc = require('vc-js')
const {defaultDocumentLoader} = vc

const {Ed25519KeyPair, suites: {Ed25519Signature2018}} = require('jsonld-signatures');

const main = async () => {

const keyPair = await Ed25519KeyPair.generate();
keyPair.id = 'did:caelum:key:32213232131232131'; // See Key ID section
// keyPair.controller = 'https://example.com/i/carol'; // See Controller Document section

const suite = new Ed25519Signature2018({
  verificationMethod: keyPair.id,
  key: keyPair
});

// Sample unsigned credential
const credential = {
  "@context": [
    "https://www.w3.org/2018/credentials/v1",
    "did:caelum:context"
  ],
  "id": "did:caelum:tag:2122323",
  "type": ["VerifiableCredential", "Tag"],
  "issuer": "did:caelum:2132323215454",
  "issuanceDate": "2010-01-01T19:23:24Z",
  "credentialSubject": {
    "id": "did:example:ebfeb1f712ebc6f1c276e12ec21",
    "description": "Test"
  }
  // "name": "Example University",

  // "requirement": "HJKHH"
}

};

const signedVC = await vc.issue({credential, suite, documentLoader});
console.log(JSON.stringify(signedVC, null, 2));
}
main()

```