A5. Discover cryptographic implementation online.

Theory - Modern browsers use the Web Crypto API to securely handle cryptographic operations online without exposing private keys to the JavaScript runtime.

Code

```
// Discovering the browser's native cryptographic implementation

if (typeof crypto !== 'undefined' && crypto.subtle) {

    console.log("Web Crypto API discovered online.");


    // Generating a secure random value (similar to SSL session keys)

    let randomValues = new Uint32Array(1);

    crypto.getRandomValues(randomValues);

    console.log("Secure random session key generated:", randomValues[0]);

} else {

    console.log("Web Crypto API not supported in this environment.");

}
```

Screenshot

```
Output:                                                          31 ms | 45.8 MB

Web Crypto API discovered online.
Secure random session key generated: 873539483
```