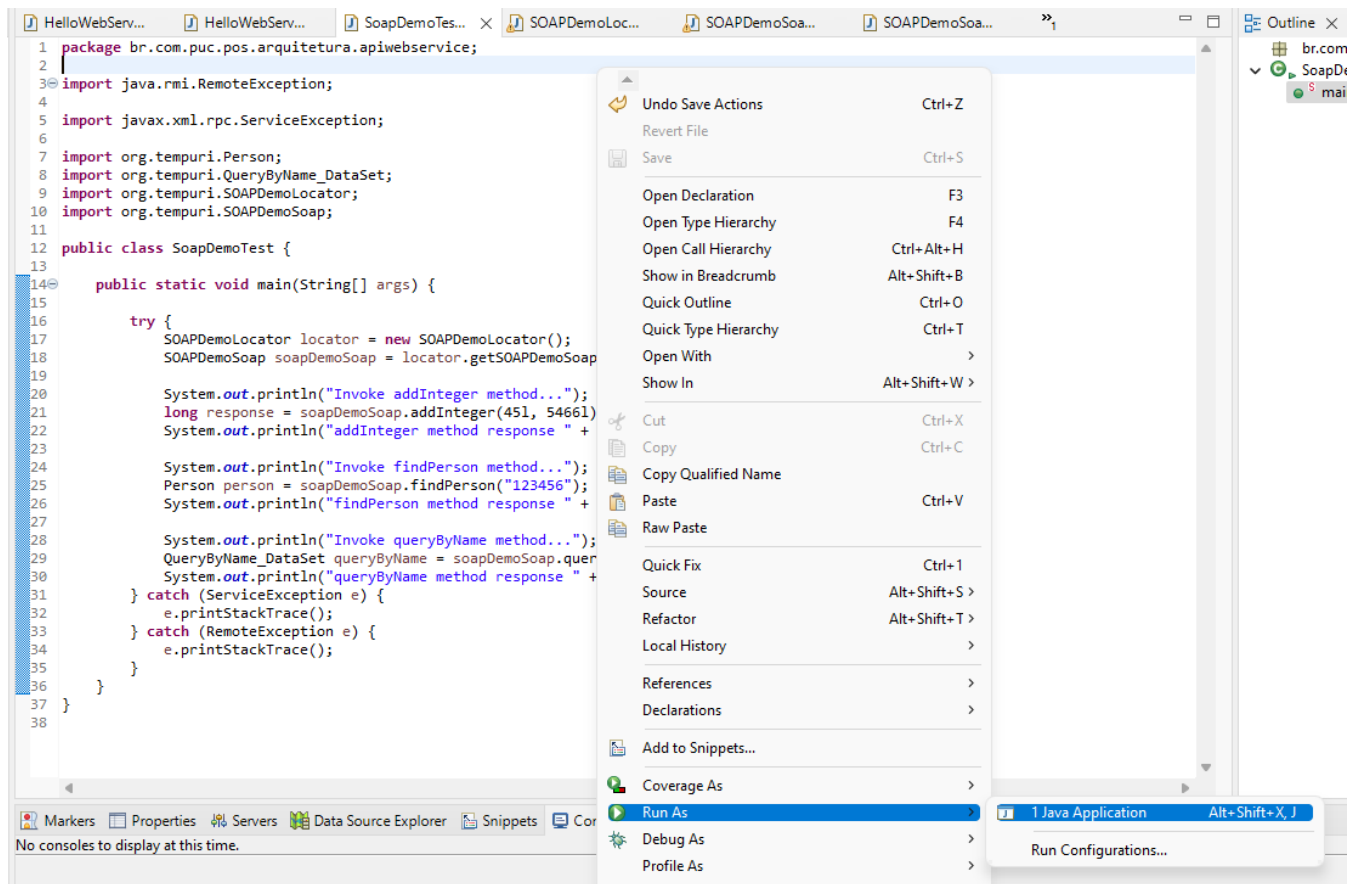Execução do programa Java utilizando a IDE Eclipse


```java
package br.com.puc.pos.arquitetura.apiwebservice;

import java.rmi.RemoteException;

import javax.xml.rpc.ServiceException;

import org.tempuri.Person;
import org.tempuri.QueryByName_DataSet;
import org.tempuri.SOAPDemoLocator;
import org.tempuri.SOAPDemoSoap;

public class SoapDemoTest {

    public static void main(String[] args) {

        try {
            SOAPDemoLocator locator = new SOAPDemoLocator();
            SOAPDemoSoap soapDemoSoap = locator.getSOAPDemoSoap

            System.out.println("Invoke addInteger method...");
            long response = soapDemoSoap.addInteger(451, 54661)
            System.out.println("addInteger method response " +

            System.out.println("Invoke findPerson method...");
            Person person = soapDemoSoap.findPerson("123456");
            System.out.println("findPerson method response " +

            System.out.println("Invoke queryByName method...");
            QueryByName_DataSet queryByName = soapDemoSoap.quer
            System.out.println("queryByName method response " +
        } catch (ServiceException e) {
            e.printStackTrace();
        } catch (RemoteException e) {
            e.printStackTrace();
        }
    }
}
```

Tabs: HelloWebServ... | HelloWebServ... | SoapDemoTes... × | SOAPDemoLoc... | SOAPDem

```java
1  package br.com.puc.pos.arquitetura.apiwebservice;
2
3  import java.rmi.RemoteException;
4
5  import javax.xml.rpc.ServiceException;
6
7  import org.tempuri.Person;
8  import org.tempuri.QueryByName_DataSet;
9  import org.tempuri.SOAPDemoLocator;
10 import org.tempuri.SOAPDemoSoap;
11
12 public class SoapDemoTest {
13
14     public static void main(String[] args) {
15
16         try {
17             SOAPDemoLocator locator = new SOAPDemoLocator();
18             SOAPDemoSoap soapDemoSoap = locator.getSOAPDemoSoap();
19
20             System.out.println("Invoke addInteger method...");
21             long response = soapDemoSoap.addInteger(451, 54661);
22             System.out.println("addInteger method response: " + response);
23
24             System.out.println("Invoke findPerson method...");
25             Person person = soapDemoSoap.findPerson("123456");
26             System.out.println("findPerson method response: " + person);
27
28             System.out.println("Invoke queryByName method...");
29             QueryByName_DataSet queryByName = soapDemoSoap.queryByName("Michael");
30             System.out.println("queryByName method response: " + queryByName);
31         } catch (ServiceException e) {
32             e.printStackTrace();
33         } catch (RemoteException e) {
34             e.printStackTrace();
35         }
36     }
37 }
38
```

Markers | Properties | Servers | Data Source Explorer | Snippets | Console × | Search

```
<terminated> SoapDemoTest (1) [Java Application] C:\Program Files\Java\jdk1.8.0_172\bin\javaw.exe (4 de fev. de 20
fev 04, 2022 5:34:39 PM org.apache.axis.utils.JavaUtils isAttachmentSupported
ADVERTÊNCIA: Unable to find required classes (javax.activation.DataHandler and javax.mai
Invoke addInteger method...
addInteger method response: 5511
Invoke findPerson method...
findPerson method response: null
Invoke queryByName method...
queryByName method response: org.tempuri.QueryByName_DataSet@35e7cedf
```

Fiddler Web Session List

Progress Telerik Fiddler Classic

File Edit Rules Tools View Help

WinConfig   Replay   X ▾   ▶ Go   Stream   Decode   Keep: All sessions ▾   A

#	Result	Protocol	Host	URL	Body	Caching
1	200	HTTP	Tunnel to	www.crcind.com:443	0	
2	200	HTTP	Tunnel to	www.crcind.com:443	0	
3	200	HTTP	Tunnel to	www.crcind.com:443	0	

Aba "Raw" de cada requisição

CONNECT www.crcind.com:443 HTTP/1.0
User-Agent: AxisClient
Content-Length: 0
Pragma: no-cache
Host: www.crcind.com:443

A SSLv3-compatible ClientHello handshake was found. Fiddler extracted the parameters below.

Version: 3.3 (TLS/1.2)
Random: 61 FD 80 09 85 D2 26 CC 19 A1 8C 82 9D B1 3C ED 8C F3 54 E7 A7 33 12 02 D4 2E BB FB 1A 27 3E D6
"Time": 20/01/1975 09:13:37
SessionID: empty
Extensions:
    supported_groups   secp256r1 [0x17], secp384r1 [0x18], secp521r1 [0x19], sect283k1 [0x9], sect283r1 [0xa], sect409k1 [0xb], sect409r1 [0xc], sect571k1 [0xd], sect571r1 [0xe], secp256k1 [
    ec_point_formats   uncompressed [0x0]
    signature_algs   ecdsa_secp521r1_sha512, rsa_pkcs1_sha512, ecdsa_secp384r1_sha384, rsa_pkcs1_sha384, ecdsa_secp256r1_sha256, rsa_pkcs1_sha256, dsa_sha256, ecdsa_sha1, rsa_pkcs1_sha1, d
    extended_master_secret   empty
    server_name   www.crcind.com
Ciphers:
    [C024] TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384
    [C028] TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384
    [003D] TLS_RSA_WITH_AES_256_CBC_SHA256
    [C026] TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA384
    [C02A] TLS_ECDH_RSA_WITH_AES_256_CBC_SHA384
    [006B] TLS_DHE_RSA_WITH_AES_256_CBC_SHA256
    [006A] TLS_DHE_DSS_WITH_AES_256_CBC_SHA256
    [C00A] TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA
    [C014] TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA
    [0035] TLS_RSA_WITH_AES_256_CBC_SHA
    [C005] TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA
    [C00F] TLS_ECDH_RSA_WITH_AES_256_CBC_SHA
    [0039] TLS_DHE_RSA_WITH_AES_256_CBC_SHA
    [0038] TLS_DHE_DSS_WITH_AES_256_CBC_SHA
    [C023] TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA256
    [C027] TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256
    [003C] TLS_RSA_WITH_AES_128_CBC_SHA256
    [C025] TLS_ECDH_ECDSA_WITH_AES_128_CBC_SHA256
    [C029] TLS_ECDH_RSA_WITH_AES_128_CBC_SHA256
    [0067] TLS_DHE_RSA_WITH_AES_128_CBC_SHA256
    [0040] TLS_DHE_DSS_WITH_AES_128_CBC_SHA256
    [C009] TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA
    [C013] TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA
    [002F] TLS_RSA_WITH_AES_128_CBC_SHA
    [C004] TLS_ECDH_ECDSA_WITH_AES_128_CBC_SHA
    [C00E] TLS_ECDH_RSA_WITH_AES_128_CBC_SHA

HTTP/1.0 200 Connection Established
FiddlerGateway: Direct
StartTime: 16:35:36.967
Connection: close
EndTime: 16:35:37.854
ClientToServerBytes: 1144
ServerToClientBytes: 5976

This is a CONNECT tunnel, through which encrypted HTTPS traffic flows.
To view the encrypted sessions inside this tunnel, enable the Tools > Options > HTTPS > Decrypt HTTPS traffic option.

A SSLv3-compatible ServerHello handshake was found. Fiddler extracted the parameters below.

Version: 3.3 (TLS/1.2)
SessionID: 6F 09 00 00 31 28 52 C8 68 0C FC 9E 47 13 33 E2 B0 43 0B B1 E7 AC 1E 03 CB 87 A1 17 8C 40 79 09
Random: 61 FD 80 08 DE 47 FD 91 D6 93 C8 E2 B2 34 63 8B 4B F7 08 29 1E A9 FD 36 4C F6 E3 74 D4 2A 21 B6
Cipher: TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 [0xC028]
CompressionSuite: NO_COMPRESSION [0x00]
Extensions:
            extended_master_secret   empty
            renegotiation_info 00

Progress Telerik Fiddler Classic — (first window)

File Edit Rules Tools View Help

WinConfig | Replay X ▶ Go | Stream Decode | Keep: All sessions ▾ | Any Process | Find | Save | Browse ▾ | Clear Cache | TextWizard | Tearoff | MSDN Search... | Online X

Get Started | Statistics | Inspectors | AutoResponder | Composer | Fiddler Orchestra Beta | FiddlerScript | Log | Filters | Timeline

⚠ HTTPS decryption is disabled. Click to configure...

#	Result	Protocol	Host	URL	Body	Caching
1	200	HTTP	Tunnel to	www.crcind.com:443	0	
2	200	HTTP	Tunnel to	www.crcind.com:443	0	
3	200	HTTP	Tunnel to	www.crcind.com:443	0	
4	200	HTTP	Tunnel to	ssl.gstatic.com:443	0	
5	200	HTTP	Tunnel to	beacons.gvt2.com:443	0	
6	200	HTTP	Tunnel to	signaler-pa.clients6.googl...	0	
7	200	HTTP	tile-service.weather...	/pt-BR/livetile/preinstall?r...	4,254	public,
8	200	HTTP	Tunnel to	browser.pipe.aria.microso...	0	
9	200	HTTP	Tunnel to	play.google.com:443	0	
10	200	HTTP	Tunnel to	teams.microsoft.com:443	0	
11	200	HTTP	Tunnel to	emea.presence.teams.mic...	0	
12	200	HTTP	Tunnel to	emea.ng.msg.teams.micr...	0	
13	200	HTTP	Tunnel to	login.live.com:443	0	
14	200	HTTP	Tunnel to	login.live.com:443	0	
15	200	HTTP	Tunnel to	login.live.com:443	0	
16	200	HTTP	Tunnel to	play.google.com:443	0	
17	200	HTTP	Tunnel to	signaler-pa.clients6.googl...	0	

Headers | TextView | SyntaxView | WebForms | HexView | Auth | Cookies | Raw | JSON | XML

```
CONNECT www.crcind.com:443 HTTP/1.0
User-Agent: AxisClient
Content-Length: 0
Pragma: no-cache
Host: www.crcind.com

A SSLv3-compatible ClientHello handshake was found. Fiddler extracted the parameters below.

Version: 3.3 (TLS/1.2)
Random: 61 FD 80 0A 59 B0 9F 75 52 70 19 E6 08 EF DC 42 EF 89 B6 A8 45 EC B2 4B 00 A6 B0 45 69 1A 70 72
"Time": 02/08/1975 12:33:53
SessionID: 6F 09 00 00 31 28 52 C8 68 0C FC 9E 47 13 33 E2 B0 43 0B B1 E7 AC 1E 03 C8 87 A1 17 8C 40 79 09
Extensions:
        supported_groups    secp256r1 [0x17], secp384r1 [0x18], secp521r1 [0x19], sect283k1 [0x9], sect283r1 [0xa], sect409k1 [0xb], sect409r1 [0xc], sect571k1 [0xd], sect571r1 [0xe], secp256k1 [
        ec_point_formats    uncompressed [0x0]
        signature_algs      ecdsa_secp521r1_sha512, rsa_pkcs1_sha512, ecdsa_secp384r1_sha384, rsa_pkcs1_sha384, ecdsa_secp256r1_sha256, rsa_pkcs1_sha256, dsa_sha256, ecdsa_sha1, rsa_pkcs1_sha1, d
        extended_master_secret    empty
        server_name    www.crcind.com
Ciphers:
        [C024]  TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384
        [C028]  TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384
        [003D]  TLS_RSA_WITH_AES_256_CBC_SHA256
        [C026]  TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA384
        [C02A]  TLS_ECDH_RSA_WITH_AES_256_CBC_SHA384
        [006B]  TLS_DHE_RSA_WITH_AES_256_CBC_SHA256
        [006A]  TLS_DHE_DSS_WITH_AES_256_CBC_SHA256
        [C00A]  TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA
        [C014]  TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA
        [0035]  TLS_RSA_WITH_AES_256_CBC_SHA
        [C005]  TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA
        [C00F]  TLS_ECDH_RSA_WITH_AES_256_CBC_SHA
        [0039]  TLS_DHE_RSA_WITH_AES_256_CBC_SHA
        [0038]  TLS_DHE_DSS_WITH_AES_256_CBC_SHA
        [C023]  TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA256
        [C027]  TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256
        [003C]  TLS_RSA_WITH_AES_128_CBC_SHA256
        [C025]  TLS_ECDH_ECDSA_WITH_AES_128_CBC_SHA256
        [C029]  TLS_ECDH_RSA_WITH_AES_128_CBC_SHA256
        [0067]  TLS_DHE_RSA_WITH_AES_128_CBC_SHA256
        [0040]  TLS_DHE_DSS_WITH_AES_128_CBC_SHA256
        [C009]  TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA
        [C013]  TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA
        [002F]  TLS_RSA_WITH_AES_128_CBC_SHA
        [C004]  TLS_ECDH_ECDSA_WITH_AES_128_CBC_SHA
        [C00E]  TLS_ECDH_RSA_WITH_AES_128_CBC_SHA
```

Find... (press Ctrl+Enter to highlight all) | View in Notepad

Transformer | Headers | TextView | SyntaxView | ImageView | HexView | WebView | Auth | Caching | Cookies | Raw | JSON | XML

```
HTTP/1.0 200 Connection Established
FiddlerGateway: Direct
StartTime: 16:35:38.140
Connection: close
EndTime: 16:35:38.652
ClientToServerBytes: 1085
ServerToClientBytes: 1034

This is a CONNECT tunnel, through which encrypted HTTPS traffic flows.
To view the encrypted sessions inside this tunnel, enable the Tools > Options > HTTPS > Decrypt HTTPS traffic option.

A SSLv3-compatible ServerHello handshake was found. Fiddler extracted the parameters below.

Version: 3.3 (TLS/1.2)
SessionID: 6F 09 00 00 31 28 52 C8 68 0C FC 9E 47 13 33 E2 B0 43 0B B1 E7 AC 1E 03 C8 87 A1 17 8C 40 79 09
Random: 61 FD 80 09 20 08 A1 8E 3F 71 78 40 78 19 8F F6 2C BF 3B 6F EA 0C 22 9F 35 AD DA EF 12 B4 D3 EA
Cipher:         TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 [0xC028]
CompressionSuite:   NO_COMPRESSION [0x00]
Extensions:
        extended_master_secret    empty
        renegotiation_info    00
```

Find... (press Ctrl+Enter to highlight all) | View in Notepad

QuickExec] ALT+Q > type HELP to learn more

Capturing | All Processes | 1 / 17 | This was a CONNECT tunnel to 'www.crcind.com:443'. Raw Bytes Out: 1,085; In: 1,034

Progress Telerik Fiddler Classic — (second window)

File Edit Rules Tools View Help

WinConfig | Replay X ▶ Go | Stream Decode | Keep: All sessions ▾ | Any Process | Find | Save | Browse ▾ | Clear Cache | TextWizard | Tearoff | MSDN Search... | Online X

Get Started | Statistics | Inspectors | AutoResponder | Composer | Fiddler Orchestra Beta | FiddlerScript | Log | Filters | Timeline

⚠ HTTPS decryption is disabled. Click to configure...

#	Result	Protocol	Host	URL	Body	Caching
1	200	HTTP	Tunnel to	www.crcind.com:443	0	
2	200	HTTP	Tunnel to	www.crcind.com:443	0	
3	200	HTTP	Tunnel to	www.crcind.com:443	0	
4	200	HTTP	Tunnel to	ssl.gstatic.com:443	0	
5	200	HTTP	Tunnel to	beacons.gvt2.com:443	0	
6	200	HTTP	Tunnel to	signaler-pa.clients6.googl...	0	
7	200	HTTP	tile-service.weather...	/pt-BR/livetile/preinstall?r...	4,254	public,
8	200	HTTP	Tunnel to	browser.pipe.aria.microso...	0	
9	200	HTTP	Tunnel to	play.google.com:443	0	
10	200	HTTP	Tunnel to	teams.microsoft.com:443	0	
11	200	HTTP	Tunnel to	emea.presence.teams.mic...	0	
12	200	HTTP	Tunnel to	emea.ng.msg.teams.micr...	0	
13	200	HTTP	Tunnel to	login.live.com:443	0	
14	200	HTTP	Tunnel to	login.live.com:443	0	
15	200	HTTP	Tunnel to	login.live.com:443	0	
16	200	HTTP	Tunnel to	play.google.com:443	0	
17	200	HTTP	Tunnel to	signaler-pa.clients6.googl...	0	
18	200	HTTP	Tunnel to	ssl.gstatic.com:443	0	

Headers | TextView | SyntaxView | WebForms | HexView | Auth | Cookies | Raw | JSON | XML

```
CONNECT www.crcind.com:443 HTTP/1.0
User-Agent: AxisClient
Content-Length: 0
Pragma: no-cache
Host: www.crcind.com

A SSLv3-compatible ClientHello handshake was found. Fiddler extracted the parameters below.

Version: 3.3 (TLS/1.2)
Random: 61 FD 80 0A 30 33 1A 0D 4B BC B8 4E D4 A4 SC A2 D0 58 59 0C 26 7D 34 5D ED F7 1A 81 12 D2 93 93
"Time": 02/08/1975 12:33:53
SessionID: 6F 09 00 00 31 28 52 C8 68 0C FC 9E 47 13 33 E2 B0 43 0B B1 E7 AC 1E 03 C8 87 A1 17 8C 40 79 09
Extensions:
        supported_groups    secp256r1 [0x17], secp384r1 [0x18], secp521r1 [0x19], sect283k1 [0x9], sect283r1 [0xa], sect409k1 [0xb], sect409r1 [0xc], sect571k1 [0xd], sect571r1 [0xe], secp256k1 [
        ec_point_formats    uncompressed [0x0]
        signature_algs      ecdsa_secp521r1_sha512, rsa_pkcs1_sha512, ecdsa_secp384r1_sha384, rsa_pkcs1_sha384, ecdsa_secp256r1_sha256, rsa_pkcs1_sha256, dsa_sha256, ecdsa_sha1, rsa_pkcs1_sha1, d
        extended_master_secret    empty
        server_name    www.crcind.com
Ciphers:
        [C024]  TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA384
        [C028]  TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384
        [003D]  TLS_RSA_WITH_AES_256_CBC_SHA256
        [C026]  TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA384
        [C02A]  TLS_ECDH_RSA_WITH_AES_256_CBC_SHA384
        [006B]  TLS_DHE_RSA_WITH_AES_256_CBC_SHA256
        [006A]  TLS_DHE_DSS_WITH_AES_256_CBC_SHA256
        [C00A]  TLS_ECDHE_ECDSA_WITH_AES_256_CBC_SHA
        [C014]  TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA
        [0035]  TLS_RSA_WITH_AES_256_CBC_SHA
        [C005]  TLS_ECDH_ECDSA_WITH_AES_256_CBC_SHA
        [C00F]  TLS_ECDH_RSA_WITH_AES_256_CBC_SHA
        [0039]  TLS_DHE_RSA_WITH_AES_256_CBC_SHA
        [0038]  TLS_DHE_DSS_WITH_AES_256_CBC_SHA
        [C023]  TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA256
        [C027]  TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA256
        [003C]  TLS_RSA_WITH_AES_128_CBC_SHA256
        [C025]  TLS_ECDH_ECDSA_WITH_AES_128_CBC_SHA256
        [C029]  TLS_ECDH_RSA_WITH_AES_128_CBC_SHA256
        [0067]  TLS_DHE_RSA_WITH_AES_128_CBC_SHA256
        [0040]  TLS_DHE_DSS_WITH_AES_128_CBC_SHA256
        [C009]  TLS_ECDHE_ECDSA_WITH_AES_128_CBC_SHA
        [C013]  TLS_ECDHE_RSA_WITH_AES_128_CBC_SHA
        [002F]  TLS_RSA_WITH_AES_128_CBC_SHA
        [C004]  TLS_ECDH_ECDSA_WITH_AES_128_CBC_SHA
        [C00E]  TLS_ECDH_RSA_WITH_AES_128_CBC_SHA
```

Find... (press Ctrl+Enter to highlight all) | View in Notepad

Transformer | Headers | TextView | SyntaxView | ImageView | HexView | WebView | Auth | Caching | Cookies | Raw | JSON | XML

```
HTTP/1.0 200 Connection Established
FiddlerGateway: Direct
StartTime: 16:35:38.922
Connection: close
EndTime: 16:35:39.451
ClientToServerBytes: 1101
ServerToClientBytes: 2474

This is a CONNECT tunnel, through which encrypted HTTPS traffic flows.
To view the encrypted sessions inside this tunnel, enable the Tools > Options > HTTPS > Decrypt HTTPS traffic option.

A SSLv3-compatible ServerHello handshake was found. Fiddler extracted the parameters below.

Version: 3.3 (TLS/1.2)
SessionID: 6F 09 00 00 31 28 52 C8 68 0C FC 9E 47 13 33 E2 B0 43 0B B1 E7 AC 1E 03 C8 87 A1 17 8C 40 79 09
Random: 61 FD 80 0A 5A FE 65 54 F6 B2 F8 59 91 0F 15 2E 26 0A 1A D3 41 6A 7A 0E 46 F7 A8 E7 A9 46 BB CC
Cipher:         TLS_ECDHE_RSA_WITH_AES_256_CBC_SHA384 [0xC028]
CompressionSuite:   NO_COMPRESSION [0x00]
Extensions:
        extended_master_secret    empty
        renegotiation_info    00
```

Find... (press Ctrl+Enter to highlight all) | View in Notepad

QuickExec] ALT+Q > type HELP to learn more

Capturing | All Processes | 1 / 18 | This was a CONNECT tunnel to 'www.crcind.com:443'. Raw Bytes Out: 1,101; In: 2,474