

Find sample string below

23550000000000198765321<http://xyz.com/responsePage.aspx>**DEMO_KEY**

/* JAVA SAMPLE CODE */

```
private static String getChecksum(String amount, String terminalId, String transactionId,
String responseUrl, String secretKey) {

    String checksum = "";

    String combination = amount + terminalId + transactionId + responseUrl + secretKey;

    try {

        java.security.MessageDigest mdEnc = java.security.MessageDigest.getInstance("MD5");
        // Encryption algorithm

        mdEnc.update(combination.getBytes(), 0, combination.length());

        checksum = new java.math.BigInteger(1, mdEnc.digest()).toString(16);

        System.out.println("CHECKSUM is "+checksum);

    } catch (Exception e) {

    }

    return checksum;

}
```

/* PHP SAMPLE CODE */

// Example Usage

```
$value = "23550000000000198765321http://xyz.com/responsePage.aspxDEMO_KEY";
$checksum = md5($value);
```

/* .NET SAMPLE CODE */

'VB

' Example Usage

Dim value As String =

"**23550000000000198765321**http://xyz.com/responsePage.aspx**DEMO_KEY**";

MessageBox.Show(getMD5Hash(value))

Function getMD5Hash(ByVal strToHash As String) As String

Dim md5Obj As New Security.Cryptography.MD5CryptoServiceProvider

Dim bytesToHash() As Byte = System.Text.Encoding.ASCII.GetBytes(strToHash)

bytesToHash = md5Obj.ComputeHash(bytesToHash)

Dim strResult As String = ""

For Each b As Byte In bytesToHash

strResult += b.ToString("x2")

Next

Return strResult

End Function

// C#

// Example Usage

Call the following code with this method call:

```
string value = "23550000000000198765321http://xyz.com/responsePage.aspxDEMO_KEY";
```

```
string md5hash = CreateMD5Hash(value);
```

```
using System;
```

```
public string CreateMD5Hash (string input)
```

```
{
```

```
    // Use input string to calculate MD5 hash
```

```
    MD5 md5 = System.Security.Cryptography.MD5.Create();
```

```
    byte[] inputBytes = System.Text.Encoding.ASCII.GetBytes (input);
```

```
    byte[] hashBytes = md5.ComputeHash (inputBytes);
```

```
    // Convert the byte array to hexadecimal string
```

```
    StringBuilder sb = new StringBuilder();
```

```
    for (int i = 0; i < hashBytes.Length; i++)
```

```
    {
```

```
        sb.Append (hashBytes[i].ToString ("X2"));
```

```
        // To force the hex string to lower-case letters instead of
```

```
        // upper-case, use the following line instead:
```

```
        // sb.Append(hashBytes[i].ToString("x2"));
```

```
    }
```

```
    return sb.ToString();
```

```
}
```

/*TO TEST OR GENERATE MD5 HASH OF A STRING */

VISIT THE WEBSITE :

http://www.xs4all.nl/~jlpoutre/BoT/Javascript/Utils/md5_hashing.html

Type or paste a string value (text) in the text area. The MD5 hash will be calculated and displayed on the page.