

```

        var hmacMd5Message2 =
HMAC.ComputeHMACMD5(Encoding.UTF8.GetBytes(originalMessage2), key);

        var hmacSha1Message =
HMAC.ComputeHMACSHA1(Encoding.UTF8.GetBytes(originalMessage), key);
        var hmacSha1Message2 =
HMAC.ComputeHMACSHA1(Encoding.UTF8.GetBytes(originalMessage2), key);

        var hmacSha256Message =
HMAC.ComputeHMACSHA256(Encoding.UTF8.GetBytes(originalMessage), key);
        var hmacSha256Message2 =
HMAC.ComputeHMACSHA256(Encoding.UTF8.GetBytes(originalMessage2), key);

        var hmacSha512Message =
HMAC.ComputeHMACSHA512(Encoding.UTF8.GetBytes(originalMessage), key);
        var hmacSha512Message2 =
HMAC.ComputeHMACSHA512(Encoding.UTF8.GetBytes(originalMessage2), key);

        Console.WriteLine();
        Console.WriteLine("MD5 HMAC");
        Console.WriteLine();
        Console.WriteLine("Message 1 hash = " +
Convert.ToBase64String(hmacMd5Message));
        Console.WriteLine("Message 2 hash = " +
Convert.ToBase64String(hmacMd5Message2));

        Console.WriteLine();
        Console.WriteLine("SHA 1 HMAC");
        Console.WriteLine();
        Console.WriteLine("Message 1 hash = " +
Convert.ToBase64String(hmacSha1Message));
        Console.WriteLine("Message 2 hash = " +
Convert.ToBase64String(hmacSha1Message2));

        Console.WriteLine();
        Console.WriteLine("SHA 256 HMAC");
        Console.WriteLine();
        Console.WriteLine("Message 1 hash = " +
Convert.ToBase64String(hmacSha256Message));
        Console.WriteLine("Message 2 hash = " +
Convert.ToBase64String(hmacSha256Message2));

        Console.WriteLine();
        Console.WriteLine("SHA 512 HMAC");
        Console.WriteLine();
        Console.WriteLine("Message 1 hash = " +
Convert.ToBase64String(hmacSha512Message));
        Console.WriteLine("Message 2 hash = " +
Convert.ToBase64String(hmacSha512Message2));
        Console.WriteLine();

```