**JavaFile PWCrypto.java**

**public class PWCrypto {**

**. . . . .**

//MAIN METHOD//

public static void main(String args[]){

try{

String uid = PWCrypto.encryptString(args[0]);

String pwd = PWCrypto.encryptString(args[1]);

uid = uid.length() == 0 ? "" : uid.startsWith("{DES}") ? uid : "{DES}" + uid;

pwd = pwd.length() == 0 ? "" : pwd.startsWith("{DES}") ? pwd : "{DES}" + pwd;

String strEncrypt = uid + pwd;

System.out.println(strEncrypt);

//File TextFile = new File("C:/FileName.txt");

//FileWriter fw = new FileWriter(TextFile);

//fw.write(strEncrypt);

//fw.close();

} catch(Exception e){

System.out.println(e);

}

}

**File PWCrypto.mf**

Manifest-Version: 1.0

Main-Class: PWCrypto

**Generate PWCrypto.jar**

**Create class** javac PWCrypto.java

**Create jar file** jar cfm PWCrypto.jar PWCrypto.mf PWCrypto.class

**Execute jar file** java -jar PWCrypto.jar param1 param2

**File RunJava.bat**

java -jar PWCrypto.jar %1 %2

**C#**

string folder = System.AppDomain.CurrentDomain.BaseDirectory;

string parameters = " "+ uid + " " + pwd;

ProcessStartInfo proc = new ProcessStartInfo("RunJava.bat", parameters);

proc.CreateNoWindow = true;

proc.UseShellExecute = false;

proc.RedirectStandardError = true;

proc.RedirectStandardOutput = true;

Process process = Process.Start(proc);

process.WaitForExit();

// reading output and error

string output = process.StandardOutput.ReadToEnd();

string error = process.StandardError.ReadToEnd();

int exitcode = process.ExitCode;

//string contents = System.IO.File.ReadAllText(FileName);

int pos = output.IndexOf("DES");

int largo = output.Length;

output = output.Substring(pos-1, largo - pos-1);

// Split values

pos = output.IndexOf("DES", 5);

largo = output.Length;

uid = output.Substring(0, pos-1);

pwd = output.Substring(pos - 1, largo - pos+1);

MessageBox.Show(output);