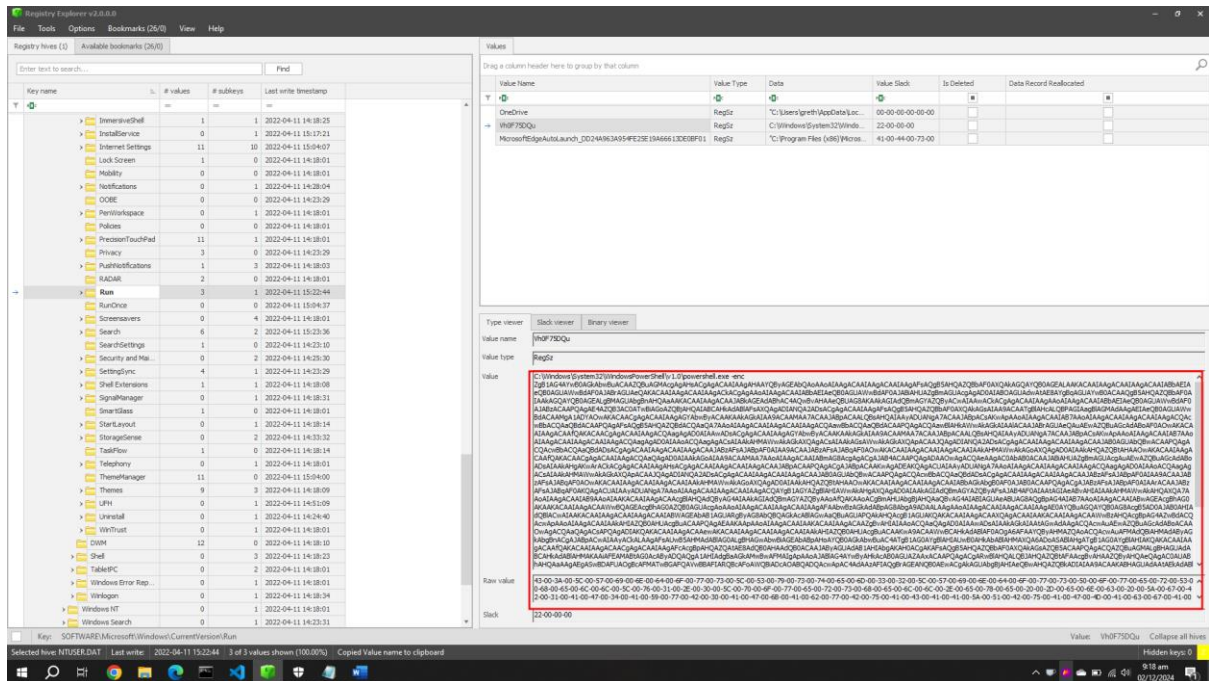


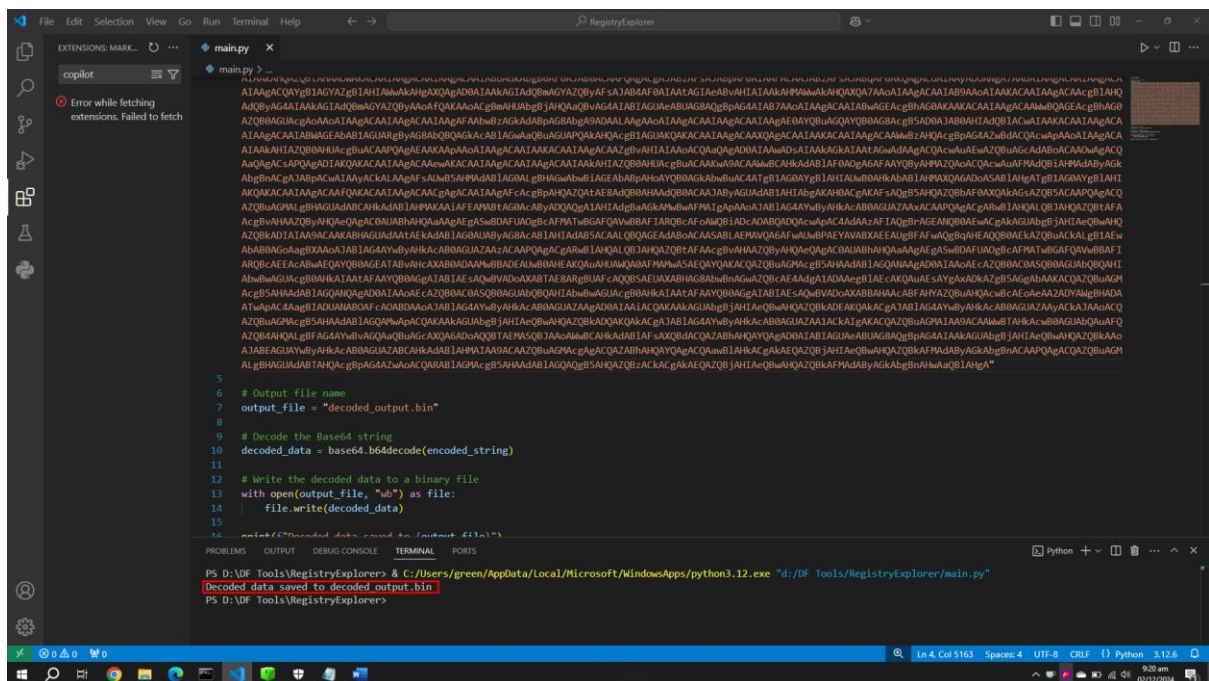
# Digital Forensics – LAB#15

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We knew that the attackers had persistence so, I directly went to Run and RunOnce keys and quickly found a base64 encoded string. I copied it and pasted it on [cyberchef.org](https://cyberchef.org) which showed me that it was a script but it had too many NULL bytes.



I used python script to decode it so it had no NULL bytes.



```

File Edit Format View Help
{
    $j = ($j + $i[$i] + $k[$i]) % 256;
    $temp = $i[$i];
    $i[$i] = $j[$j];
    $j[$j] = $temp;
}

$i = $j = 0;
for ($k = 0; $k -lt $buffer.Length; $k++)
{
    $i = ($i + 1) % 256;
    $j = ($j + $i[$i]) % 256;
    $temp = $i[$i];
    $i[$i] = $j[$j];
    $j[$j] = $temp;
    [int]$x = ($i[$i] + $i[$j]) % 256;
    $buffer[$k] = $buffer[$k] -bxor $i[$x];
}

return $buffer
}

function HexToBin {
    param
    (
        [Parameter(
            Position=0,
            Mandatory=$true,
            ValueFromPipeline=$true
        )]
        [string]$s
    )
    $return = @()

    for ($i = 0; $i -lt $s.Length; $i += 2)
    {
        $return += [Byte]::Parse($s.Substring($i, 2), [System.Globalization.NumberStyles]::HexNumber)
    }

    Write-Output $return
}

[Byte[]]$key = $enc -GetBytes("0bmoo485rv213g5")
$encrypted1 = (Get-ItemProperty -Path HKCU:\SOFTWARE\ZyXteq\*.t3R8kaStL
$encrypted2 = (Get-ItemProperty -Path HKCU:\SOFTWARE\Bjok4tIen).uLltjJm
$encrypted3 = (Get-ItemProperty -Path HKCU:\SOFTWARE\AppDataLow\T83A1Stq).uY4S390a
$encrypted4 = (Get-ItemProperty -Path HKCU:\SOFTWARE\Google\Wd6Zed6).K0194yhI
$encrypted5 = (Get-ItemProperty -Path HKCU:\AppEvents\7d662G00).jH54NM8C
$encrypted = "$($encrypted1)$($encrypted2)$($encrypted3)$($encrypted4)$($encrypted5)"
$enc -decrypt -key $key $encrypted
[Byte[]]$data = HexToBin $encrypted
$DecryptedBytes = $enc -Sdata $key
$DecryptedString = $enc -GetString($DecryptedBytes)
$DecryptedString|lex

```

[illegible]

HTB{g0ld3n\_F4ng\_1s\_n0t\_st34lthy\_3n0ugh}