Activity 1 - ISS

➢ Take any file in your computer

```
PS C:\Users\Acer> cd Desktop
PS C:\Users\Acer\Desktop> cd iss
PS C:\Users\Acer\Desktop\iss> ls


    Directory: C:\Users\Acer\Desktop\iss


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
-a----         12/23/2020   4:24 PM             12 Activity1.txt


PS C:\Users\Acer\Desktop\iss> more Activity1.txt

Activity 1
```

Here I have taken the file called as Activity1.txt and include the content of Activity 1

➤ Generate MD5 hash for the file (Instance 1)

```
PS C:\Users\Acer\Desktop\iss> Get-FileHash "Activity1.txt"-Algorithm MD5

Algorithm       Hash                                                    Path
---------       ----                                                    ----
MD5             08F152613F2D3EBF2FDA03D271A74FD8                        C:\Users\Acer\Desktop\iss\Act...
```

After generating the hash value it showed the result of
08F152613F2D3EBF2FDA03D271A74FD8

➤ Do a small modification to your file

```
PS C:\Users\Acer\Desktop\iss> more Activity1.txt

Activity 2

PS C:\Users\Acer\Desktop\iss>
```

Here I changed Activity 1 to Activity 2

➢ Generate the MD5 hash again (Instance 2)

```
Algorithm       Hash                                              Path
---------       ----                                              ----
MD5             D3D614A6A2E39CEE74309AA1CC195040                  C:\Users\Acer\Desktop\iss\Activity1.txt


PS C:\Users\Acer\Desktop\iss> _
```

After generating the hash value for the modified content it showed for the hash value
D3D614A6A2E39CEE74309AA1CC195040