## **Background and Primitive Datatype Workshop**

**Work through the below tasks to practice what has been covered in today’s workshop. Rather than focusing on getting the correct answer, it’s the process of getting to the answer that’s important; ask for help but do not copy others, it’s more important to think about these tasks then getting the answers right.**

**Task 1**

Use “Get-Help” to find out more information about 5 cmdlets not covered in today’s workshop.

*As an example you can use “Get-Service” or “Out-GridView”*

Notes:

**Task 2**

Use “Get-Help” with the “–Example” parameter for the 5 cmdlets you discovered more about in task 1.

Notes:

**Task 3**

Create a new text file named “TestFile.txt” under C:\Sudoblark\PowerShell\Workshop1\%USERNAME%

*The cmdlet to make a file and a new directory starts with “New”*

Notes:

**Task 4**

Populate the text file you created in task 3 with all three datatypes we’ve covered: “Boolean”, “String” and “Int”

*The cmdlet you need starts with “Add”*

Notes:

**Task 5**

Read from the text file and use “Get-Member” to find the datatype returned

*The cmdlet you need to read data from the text file begins to “Get”*

Notes:

**Task 6**

Overwrite all data within the text file that you created in task 3.

*The cmdlet you need starts with “Set”*

Notes:

**Task 7**

Format the data returned by a cmdlet into a list

*You will need to pipe the original cmdlet then use the “Format-List” cmdlet*

Notes:

**Task 8**

Pipe “Get-Command” into “Out-GridView”

Notes:

**Task 9**

Pipe the 5 cmdlets you discovered in task 1 into “Out-GridView”

Notes:

**Task 10**

Find the official PowerShell documentation library from Microsoft

*Google MSDN PowerShell. The URL starts with “https://docs.microsoft.com”*

Note:

**Task 11**

Find the webpage on the official PowerShell documentation that explains information about the “Get-Help” cmdlet

Notes: