

```
1 #Dr. Burkman
2 #Tutorial 1
3
4 clear
5 Read-Host "Press enter to move from task to task"
6 clear
7
8 #Task 1
9 clear
10 Write-Host "Task 1`r`n"
11 Write-Host "Hello World"
12 Read-Host
13
14 #Task 2
15 clear
16 Write-Host "Task 2`r`n"
17 while ($true)
18 {
19     $user_guess = Read-Host "Please enter an integer"
20     try
21     {
22         $user_guess -eq $user_guess/1 | Out-Null
23     }
24     catch
25     {
26         #clear
27         Write-Host "`r`n$user_guess is not an integer. Press Enter to try
... again."
28         Read-Host
29         clear
30         continue
31     }
32     if (($user_guess/1 -is [int]) -and ($user_guess -ne ""))
33     {
34         Write-Host "`r`nYou entered $user_guess which is an integer."
35         Read-Host
36         break
37     }
38     else
39     {
40         Write-Host "`r`n$user_guess is not an integer. Press Enter to try
... again."
41         Read-Host
42         clear
43         continue
44     }
45 }
46
47 #Task 3
48 clear
49 Write-Host("Task 3`r`n")
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50 Write-Host ("$user_guess times 3 is " + ($user_guess/1*3))
51 read-host
52
53 #Task 4
54 clear
55 Write-Host ("Task 4`r`n")
56
57 for ($i = 1; $i -le 20; $i++)
58 {
59     if ($i -eq 7)
60     {
61         Write-Host "Snowflake"
62     }
63     elseif ($i%2 -eq 1)
64     {
65         Write-Host "Odd"
66     }
67     else
68     {
69         Write-Host "Even"
70     }
71 }
72 Read-Host
73
74 #Task 5
75 clear
76 Write-Host ("Task 5`r`n")
77 while ($true)
78 {
79     $user_guess = Read-Host "Enter a number greater than 13"
80     try
81     {
82         $user_guess -eq $user_guess/1 | Out-Null
83     }
84     catch
85     {
86         #clear
87         Write-Host "`r`n$user_guess is not an integer. Press Enter to try
... again."
88         Read-Host
89         clear
90         continue
91     }
92     if (($user_guess/1 -is [int]) -and ($user_guess -ne "") -and
... ($user_guess/1 -gt 13))
93     {
94         #Write-Host "`r`nYou entered $user_guess which is an integer."
95         #Read-Host
96         break
97     }
98     else

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99     {
100         Write-Host "`r`n$user_guess is not an appropriate choice. Press
... Enter to try again."
101         Read-Host
102         clear
103         continue
104     }
105
106 }
107
108 for ($i = 1; $i -le $user_guess; $i++)
109 {
110     if ($i -eq 7)
111     {
112         Write-Host "Snowflake"
113     }
114     elseif ($i -eq 13)
115     {
116         Write-Host "Unlucky"
117     }
118     elseif ($i%2 -eq 1)
119     {
120         Write-Host "Odd"
121     }
122     else
123     {
124         Write-Host "even"
125     }
126 }
127 Read-Host
128
129
130 #Task 6
131 clear
132 Write-Host ("Task 6`r`n")
133 while ($true)
134 {
135     $user_name = Read-Host "Please enter a last name (Burkman)"
136     if ($user_name -eq "Burkman")
137     {
138         break
139     }
140     else
141     {
142         continue
143     }
144 }
145
146 #Task 7
147 clear
148 Write-Host ("Task 7`r`n")

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```
149 $counter = 0
150 while ($counter -lt 10)
151 {
152     Write-Host $counter
153     $counter += 1
154
155 }
156
157
158
159 #Task 8
160 clear
161 Write-Host ("Task 8`r`n")
162 $ran_low=0
163 $ran_high=0
164
165 for ($i = 0; $i -lt 30; $i +=1)
166 {
167     $my_random = Get-Random -Minimum -10 -Maximum 11
168     if ($my_random -gt $ran_high)
169     {
170         $ran_high = $my_random
171     }
172
173     if ($my_random -lt $ran_low)
174     {
175         $ran_low = $my_random
176     }
177 }
178
179
180 Write-Host "The lowest value was $ran_low and the highest value was
... $ran_high"
181
182 Read-Host "`r`nPress Enter to end the script"
```