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# Hey, Scripting Guy! Blog

Learn about Windows PowerShell

## The 2011 Scripting Games Beginner Event 10: Use PowerShell to Measure Time to Complete a Command

[ScriptingGuy1](#)

15 Apr 2011 1:01 AM

[1](#)

**Summary:** Beginner Event 10 in 2011 Scripting Games uses Windows PowerShell to determine the amount of time a command takes to complete.

### About this event

|               |                    |
|---------------|--------------------|
| Division      | Beginner           |
| Date of Event | 4/15/2011 12:01 AM |
| Due Date      | 4/22/2011 12:01 AM |

### Event scenario

Your boss is working on a script that needs to halt execution for five seconds and then check a specific value. In the course of writing the script, your boss became concerned about the accuracy of using the **Start-Sleep** Windows PowerShell cmdlet to halt execution for five seconds. The script is not going to be used to control a [space probe to mars](#), but it should be more accurate than a [traditional egg timer](#). To be assured of the accuracy of the **Start-Sleep** command, your boss asks that you measure the time the **Start-Sleep** command takes to pause for five seconds. To check for variation, your boss wants you to take five measurements and provide the average time in milliseconds. A satisfactory output could be as simple as seen here.

Average time of 5 runs of 5 seconds is 5007.84288 milliseconds

### Design points

- Extra points for the use of variables to allow for other scenarios than the one in this event
- Extra points for clean code
- Extra points for formatting output

### 2011 Scripting Games links

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I invite you to follow me on [Twitter](#) and [Facebook](#). If you have any questions, send email to me at [scripter@microsoft.com](mailto:scripter@microsoft.com), or post your questions on the [Official Scripting Guys Forum](#). Good luck as you compete in this year's Scripting Games. We wish you well.

**Ed Wilson, Microsoft Scripting Guy**

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**hassan sayed issa20014**

4 Aug 2014 9:20 PM

thank you

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