**SESSION PLANNING SHEET**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **SLG Leaders: Pratham Garg** | | | **Date: 28 March 28, 2024** |
|  | **Course: OPS 102** | | | **Week #: 11** |
| **OBJECTIVES:** *What does the group most need to get out of this session?*: | | | | |
| 1. Linux Scripting 2. Window Scripting 3. Differences between Windows and Linux Scripting | | | | |
| **CO-FACILITATION CHECKLIST:** | | | | |
| Check session plans in the Leader’s Manual for inspiration  Decide who will plan and lead each activity. What support do you need from your co-facilitator?  Prepare your PowerPoint session file  Check for accessibility & compatibility Upload your session planning sheet to MS Teams  Promote your session! | | | | |
| **FACILITATOR** | **OPENING ACTIVITY:**(*Consider the time of the semester, numbers anticipated, proximity of tests, etc.)* | | | |
|  | **Brain Dump:**  **Divide students into Groups of two and ask them to write down all the things they remember from Linux Scripting (Can be syntax, command, or anything related to Linux scripting)**  **Give them 15 minutes to do it** | | | |
|  | **Content/Concept** | **Activity**  *Align learning strategy to content;*  *provide instructions for participants* | **Collaborative Technique**  *How will participants work on this task together?* | |
|  | **ACTIVITY 1:** | | | |
|  | Window’s Scripting | Give them questions to solve one by one. And after some time, whoever asked the question ask them to write it down on the board. And let other students point out anything wrong or ask questions.  Encourage them to read the notes to find answers.  Q1. Write the command to create a folder named as "window Scripting" and Write the command to go inside that folder.  Q2. Write a script "intro.cmd" which will print: My name is <put your first name here>. To do that first, you have to create a variable which will store your name and then print the given line utilizing that variable.  Q3. Write a script "special.cmd" which will print: This line is special.  Q4. Write a script "cart.cmd" Which asks the user to enter the number of products and then asks the price of the product and displays the total price.  Sample output:  Enter the number of products: 3  Enter the price of the product: 5  Total Price is: 15  Q5. Write a script "guess.cmd" which will ask the user to input a number.  if the number is less than 25 display two low, if the number is higher than 25 print too high, if the number is equal to 25 then display you are the winner!  Q6. Write a script "arguments.cmd" which will display the following text (using Script parameters):  Here are the arguments:(displays all the arguments)  Q7. Write a script that counts from 1 to 10 in increments of 2 using a FOR /L loop.  Q8. Write a script that iterates through all files in a directory and echoes each filename.  Ans1.  mkdir windowScripting  cd windowScripting  Ans2.  notepad intro.cmd  @echo off  set name=Pratham Garg  echo My name is %name%  Ans3.  @echo off  echo This line is speci^&l.  Ans4.  @echo off  set /p number=Enter the number of products:  set /p price=Enter the price of the product:  set /a total=number\*price  echo Total Price is: %total%  Ans5.  @echo off  set /p num=Enter a number of:  if %num% equ 25 (  echo You are the winner  ) else if %num% gtr 25 (  echo Number is too high  ) else (  echo Number is too low  )  Ans6.  @echo off  echo Here are the arguments: %\*  Ans7.  @echo off  for /L %%x in (1, 2, 10) do (  echo %%x  )  Ans8.  @echo off  for %%F in (\*) do (  echo %%F  ) | Work individually and then combine their solution to get the correct answer. | |
|  | **ACTIVITY 2:** | | | |
|  |  |  |  | |
|  | **ACTIVITY 3:** | | | |
|  |  |  |  | |
|  | **CLOSING ACTIVITY:** | | | |
|  | Divide the board into two parts and ask them to write down the syntax we learned today on the left half  And write its equivalent in Linux scripting on the right-hand side. | | | |
| **POST-SESSION REFLECTION:** | | | | |
| Take 3-5 minutes to briefly summarize your session. You may address any of these questions:   * What went well? * What didn’t? * What did people say? * What would you do differently next time? * What content / learning strategies will you cover in your next session? | | | | |
|  | | | | |