Mithun Technologies +91-9980923226	ShellScript Assignment info@mithuntechnologies.com	Author	Mithun Reddy L
		Web site	http://mithuntechnologies.com

Shell Script Test 1

1) What is Shell?
Ans)

2) How to check how many shells that Linux/Unix server will support?
Ans)

3) What are the different shell types?
Ans)

4) How many types of comments does shell script support?
Ans)

5) What is command line arguments?
Ans)

6) What is the difference between $* and $@ ?
Ans)

7) Write down the syntax for if condition?
Ans)

8) Write down the syntax for for loop?
Ans)

9) Write down the syntax for function and write one function and call that function?
Ans)

10) What is the difference between > and >> and < and what is the standard output and standard error codes?
Ans)

11) How to display one variable (take variable name as technology)value?
Ans)

12) How many types of variables in Shell scripting?
Ans)

13) Write some System defined variables?
Ans)

14) What is String?
Ans)

15) How to find the length of the given string?
Ans)

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Shell Script Test 2

1) Write a shell script to accept the name from name and age from the user and display that back to the user.
Ans)

2) Write a shell script to accept a file name from the user and make a copy of that file.
 Ans)

3) Write a shell script to accept file name from the user and display the contents of file. If the file doesn't exist then try curbing the error and display a user friendly error to user.
 Ans)

4) Write a shell script to accept a file name from user and check whether its an ordinary file or a directory. In case of file show the contents of file and if itís a directory show number of files in that directory.
Ans)

5) Write a shell script to accept a file name from user. Check whether file has all the permissions if not assign the respective permissions to that file.
Ans)

6) Write a shell script to accept a file name from the user and sort the file. If the file doesn't exist curb the error message and show the user-friendly message.
Ans)

Shell Script Test 3

1) What is Shell?
Ans)

2) How to check how many shells that Linux/Unix server will support?
Ans)

3) What are the different shell types?
Ans)

4) How many types of comments does shell script support?
Ans)

5) What is command line arguments?
Ans)

6) What is the difference between $* and $@?
Ans)

7) Write down the syntax for if condition?
Ans)

8) Write down the syntax for "for loop"?
Ans)

9) Write down the syntax for function and write one function and call that function?
Ans)

10) What is the difference between > and >> and < and what is the standard output and standard error codes?
Ans)

11) How to display one variable value?
Ans)

12) How many types of variables in Shell scripting?
Ans)

13) Write some System defined variables?
Ans)

14) What is String?
Ans)

15) How to find the length of the given string?
Ans)

16) Write a shell script to accept the name from name and age from the user and display that back to the user.
Ans)

17) Write a shell script to accept a file name from the user and make a copy of that file.
Ans)

18) Write a shell script to accept file name from the user and display the contents of file. If the file doesn't exist, then try curbing the error and display a user friendly error to user.
Ans)

19) Write a shell script to accept a file name from user and check whether its an ordinary file or a directory. In case of file show the contents of file and if itís a directory show number of files in that directory.
Ans)

20) Write a shell script to accept a file name from user. Check whether file has all the permissions if not assign the respective permissions to that file.
Ans)

21) Write a shell script to accept a file name from the user and sort the file. If the file doesn't exist curb the error message and show the user-friendly message.
Ans)
22)How can you run a shell script in debug mode? --> CricBuzz
Ans)

23)How to run a shell script in background?
Ans)

24)How to send error logs and stdout logs in different files?
Ans)

25)How to run a script at boot level?
Ans)

26)In Shell script what are the predefined variables are there?
Ans)

27)How to declare a variable in a shell script?
Ans)

28)What is $?, $#, $* ?
Ans)

29)What is the command for status of last command execution or last command execution status in linux and what is the output of that command?
Ans)

30)What is the purpose of export command?
Ans)

31)How to read a command line input in shell script?
Ans)

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32)How to find the previous command execution status?
Ans)

33)How to perform the arithmetic operations in Shell script?
Ans)

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34)Write a script (in any scripting language) to find the number of occurrences of the word "Failure" in a file sample.txt and replace all
occurrence of "Failure" to "Success".
Ans)

35)Write a script (in any scripting language) to input "n" number of username as parameters and to find it that user is present or not. Output should be "Username - Present"
or "Username - Not Present"
Example: CheckUser.sh User1, User2,User3,....N
Output : User 1 - Present User 2 - Not Present
User 3 - Logged Ans)

36)What is the difference between /etc/hosts and /etc/resolve.conf? What are the types of DNS records?
Ans)

37)Write a single Bash or Python or Perl script to check file system usage on Linux host. send an email to the abc@xyz.com. If one or more file system usage is above the threshold.(Ex.85%) - PWC – Written Test.
Ans)

38)Write a bash or Python or PERL script to list the unique shells in /etc/password file and print it string with the number of users using that shell.(Note: shell is the last filed in /etc/passwd file delimited by ":") --> PWC
Ans)

39)There are multiple sub directories under a directory. Ex "/var/tmp/app-code" on a linux host. Those sub directories cobtain one or more XML files. Some of those XML files have an IP address
(EX: 85.) hardcoded.Write a one liner bash command to replace all the occurrences of this IP address wit a variable EX. SIP_Address in all the files it is existing. --> PWC
Ans)

40)Write a single Bash or Python or Perl script to check file system usage on Linux host.send an email to the abc@xyz.com .If one or more file system usage is above the threshold.(Ex.85%)
What is first line written in shell script? What is the meaning of that? If I didn't write that line what will happen? --> PWC
Ans)

41)What is the difference between /etc/hosts and /etc/resolve.conf? What are the types of DNS records? --> PWC
Ans)