Lab 01 – 22-12-2022

Task 01

1. Turn on a Lab computer or your LAPTOP
2. Do Logon using
3. Press Windows Button and type CMD. Enter Command Line Interface (CLI), the BLACK windows and observe the prompt and a blinking cursor
4. Type your name, press enter, and observe/note WHAT appears on screen, WHERE on the screen. Wait for a while
5. Type your favorite word and press enter, and observe/note WHAT appears on screen, WHERE on the screen. Wait for a while
6. What is command prompt and where it is now
7. Type cd, press enter, and observe/note WHAT appears on screen, WHERE on the screen. Observe the command prompt
8. Type ver, press enter, and observe/note WHAT appears on screen, WHERE on the screen. Observe the command prompt
9. Type date /t, press enter, and observe/note WHAT appears on screen, WHERE on the screen. Observe the command prompt
10. Type vol, press enter, and observe/note WHAT appears on screen
11. Type pause, press enter, and observe/note WHAT appears on screen
12. Type title bekaar, press enter, and observe/note WHAT appears on screen, OBSERVE carefully
13. Type title Dil dil paksiatan, press enter, and observe/note WHAT appears on screen
14. Type path, press enter, and observe/note WHAT appears on screen
15. Type set path, press enter, and observe/note WHAT appears on screen
16. Type set, press enter, and observe/note WHAT appears on screen
17. Type cls, press enter, and observe/note what happens
18. Type dir, press enter, and observe/note WHAT appears on screen
19. Type md PFLAB01, press enter, and observe/note WHAT appears on screen
20. Type cd PFLAB01, press enter, and observe/note WHAT appears on screen
21. Type dir, press enter, and observe/note WHAT appears on screen
22. Type copy con first.txt, press enter, and type whatever you want, even on multiple lines with or without using ENTER key. Sometime later, somewhere press CTRL+Z in between and MUST press enter, when got tired. And, observe/note the behavior
23. Again, type dir, press enter, and observe/note WHAT appears on screen
24. Type type first.txt, press enter, and observe/note WHAT appears on screen
25. Again, type copy con first.txt, press enter, but this time type exactly Hello My Dear CTRL+Z C/CPP and press enter. And, observe/note the behavior
26. Again, type type first.txt, press enter, and observe/note WHAT appears on screen
27. Type systeminfo, press enter, and observe/note WHAT appears on screen
28. Type tasklist, press enter, and observe/note WHAT appears on screen
29. Type notepad, press enter, and observe/note WHAT happens, leave notepad open
30. Again, type tasklist, press enter, and observe/note PID of notepad
31. Type taskkill /PID ####, where #### is PID of notepad, press enter, and observe/note WHAT appears on screen
32. Type attrib, press enter, and observe/note WHAT appears on screen
33. Type attrib, press enter, and observe/note WHAT appears on screen
34. Type attrib +h first.txt, press enter, and observe/note WHAT appears on screen
35. Again, type dir, press enter, and observe/note WHAT appears on screen
36. Again, type dir /a, press enter, and observe/note WHAT appears on screen
37. Again, type dir, press enter, and observe/note WHAT appears on screen
38. Type attrib -h first.txt, press enter, and observe/note WHAT appears on screen
39. Again, type dir, press enter, and observe/note WHAT appears on screen
40. Type hostname, press enter, and observe/note WHAT appears on screen

41. Type label, press enter, and interact with computer by typing your name and press enter
42. Again, type label, press enter, and interact with computer by just pressing enter
43. Type print, press enter, and interact with computer by just pressing enter
44. Type print /?, press enter, and interact with computer by just pressing enter
45. Type whoami, press enter, and interact with computer by just pressing enter
46. Type whoami /all, press enter, and interact with computer by just pressing enter
47. Type tree .., press enter, and interact with computer by just pressing enter
48. Type tree ..\.., press enter, and interact with computer by just pressing enter
49. Type tree \, press enter, and interact with computer by just pressing enter
50. Type shutdown, press enter, and get relaxed.

Task 02
Logon again, if required and enter in CLI command window:
1. Type where cd, press enter, and observe/note WHAT appears on screen
2. Type where date, press enter, and observe/note WHAT appears on screen
3. Type where ver, press enter, and observe/note WHAT appears on screen
4. Type where attrib, press enter, and observe/note WHAT appears on screen
5. Type where hostname, press enter, and observe/note WHAT appears on screen

Task 03
Do login again, if required and enter in CLI command window. Search Python (Command Line) start that application; it is similar to CLI command windows
Type the following one by one, press enter after each, and observe and try to understand:
1. 17
2. 30 – 20
3. 10 * 10 * 10 * 10
4. 10 ** 4
5. 2-3i + 8+13i
6. 12 / 3
7. 12 / 4
8. 12 / 5
9. 12 // 5
10. exit()

Task 04
Open Python (Command Line) again and type the following one by one, press enter after each, and observe and try to understand:
1. x=5
2. y=10
3. x+y
4. x++y
5. xy
6. x*y
7. x/y
8. x // y
9. x%3
10. y%6
11. x+y*3