**USP LAB**

**WEEK 4 - Quiz**

**Qn. 1 to 4 Each carries 1 mark – 4\*1 = 4 marks**

**Qn 5,6,7 carries 2 marks = 3\*2 = 6 marks**

1. Which of the following commands display your login shell?
   1. $SHELL
   2. echo $SHELL
   3. $0
   4. echo $0
2. Which of the following command show your current shell?
   1. $SHELL
   2. echo $SHELL
   3. $0
   4. echo $0
3. Which of the following is the descriptor of the standard input stream?
4. 0 b) 1 c) 2 d) 3
5. Can you use input redirection with cal, date, man, whoami commands? If yes, give example. If no, State reason.

5. If we use the following command:

tee file1 file2 file3

* 1. Where does the input file come from?
  2. How many output files are created?

1. Simplify the following commands by omitting the file descriptors wherever possible.
   1. command 0< file1 1> file2
   2. command 0< file1 1> file2 2>file3
2. If we use the following chained command:

Command1 | command2

* 1. What is the necessary requirement for command1?
  2. What is the necessary requirement for command2?

**Answers**

1. echo $SHELL
2. echo $0
3. 0
4. No. Only those commands which receives input from keyboard can be redirected to take from file. But cal, date command does not require any input from the keyboard.

a) keyboard

b) 3

1. command < file1 > file2
2. command < file1 1> file2 2>file3

a)

Command1 should give some output. If command1 fails, command2 cannot work even though it is a correct command **or**

Command1 writes the output into pipe

b)

Command2 reads the input from pipe. Command2 reads only the output given by command1.