Lab 1 - 22/9

```
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh AreaOfCircle.sh
Enter the radius
10
314.15900
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh SimpleArithmetic.sh
Enter a
5
Enter b
7
5 + 7 = 12
5 - 7 = -2
5 * 7 = 35
5 / 7 = 0
5 % 7 = 5
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh WLCcount.sh
Enter the file path:
t1.txt
Words: 5 | Lines: 3 | Characters: 28
```

Lab 2 - 29/9

```
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh cpfile.sh
Enter file names:
t1.txt cpfile.txt
Copied data from t1.txt to cpfile.txt.
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh date.sh
Today: Tue Sep 29 19:36:41 IST 2020
Shell: /bin/bash
Calendar:    September 2020
Su Mo Tu We Th Fr Sa
       1  2  3  4  5
 6  7  8  9 10 11 12
13 14 15 16 17 18 19
20 21 22 23 24 25 26
27 28 29 30

Date: 29-09-2020
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh salary.sh
Enter basic salary:
20000
Gross salary: $30000
```

Lab 3 - 6/10

```
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh LargestOf3.sh
Enter 3 numbers:
9 -2 22
22 is the largest number amongst 9, -2, and 22.
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh PosArg.sh t1.txt t2.txt
Two positional parameters supplied: t1.txt and t2.txt
Number of words: 5 t1.txt, 5 t2.txt
Number of lines: 3 t1.txt, 3 t2.txt
Number of characters: 28 t1.txt, 28 t2.txt
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh PosNeg.sh
Enter a number:
-2
-2 is a negative number.
```

Lab 4 - 13/10

```
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh CaseArithmetic.sh
Enter arithmetic operation:
5 % 2
5 % 2 = 1
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh SumOfEven.sh
Enter n:
6
Sum of even numbers: 12
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh fact.sh
Enter number:
5
5! = 120
```

Lab 5 - 3/11

```
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh CheckVowel.sh
Enter a character:
n
It is a consonant.
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh CheckVowel.sh
Enter a character:
E
It is a vowel.
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh Fibonacci.sh
Enter n:
5
Fibonacci up to 5 terms:
0
1
1
2
3
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh CaseArithmetic.sh
Enter arithmetic operation:
9 - 3
9 - 3 = 6
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh TempConv.sh
Enter temperature in F:
32
32 F = 0 C
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh TempConv.sh
Enter temperature in F:
212
212 F = 99.00 C
```

Lab 6 - 10/11

```
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh CountFilesAndDirectories.sh
Number of files and directories under /home/adithya/USP-Lab are: 24
Number of files alone: 23
Number of directories alone: 1
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ sh IndexDocument.sh
Enter file path:
t1.txt
Enter search term:
abc
2
adithya@DESKTOP-IC2MJ8U:~/USP-Lab$ cat t1.txt
abcdefgh
abc abc def
ghijkl
```