# Assignments 1

### Tutorial 1 – Akash R (MCA –A)

- ## Exchanging the values of two variables

```
akash@GamerZ: /mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$ gcc prog1.c -o prog1
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$ ./prog1
before swaping : x = 10 & y = 20
after swaping : x = 20 & y = 10
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$
```

- ## Counting

```
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$ gcc prog2.c -o prog2
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$ ./prog2
Enter the number you want to count: 10

 count starts now
1
2
3
4
5
6
7
8
9
10
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$
```

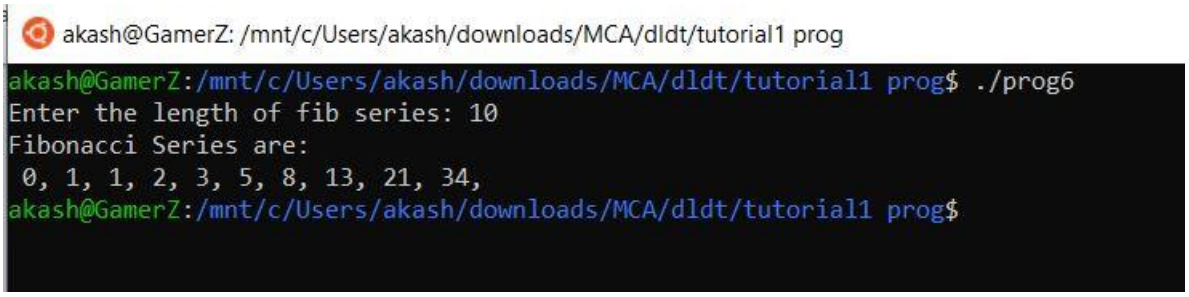
- ## Summation of a set of numbers

```
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$ ./prog3
Enter a number: 10
Sum = 55
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$
```

- ## Factorial computation

```
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$ ./prog4
enter the number:
5
factorial of 5 is 120
akash@GamerZ:/mnt/c/Users/akash/downloads/MCA/dldt/tutorial1 prog$
```

- **Generation of the Fibonacci**




- **Reversing the digits of an integer**


- **Sine Function computation**