**Day 7:**

1. Write a program in C to accept 10 characters and to display whether each input character is a digit, or a lower case alphabet or an upper case alphabet using function.
2. Write a program in C to generate factorial of a number using function.
3. Write a program in C to find the real roots of a quadratic equation using user defined function Quad().
4. Write a C program to find the sum of all integers greater than 100 and less than 200 that are divisible by 7 using function.
5. Write a menu driven program in C to generate first N Fibonacci numbers and non Fibonacci numbers using functions.
6. Write a program in C to generate binomial coefficients using function.
7. Write a program in C to insert and delete an element from an array using function.
8. Write a program in C to eliminate duplicates from an array using function.
9. Write a function in C to find cube of a number and use this in main to evaluate

x3 + y3 +z3 where x, y, z are read through keyboard