



*General Instructions:*

*Document Format for each question:*

*Question*

*Your Program*

*Your output*

*Screenshot of your program and output **with your identity**.*

*Upload: as pdf with file name as regno\_Ass6.pdf*

1. List out all the standard Library functions: I/O functions, string and character functions, mathematical functions, time, date and localization functions, utility functions, wide-character functions.
2. Write a C program to copy up to n characters from the string pointed to, str1 to str2.
3. Write a C program to calculate the length of the initial segment of str1 which consists entirely of characters in str2.
4. Write a C program to take a float value and compute the floor for the declared value and rounds to the next value 10.
5. What will be the output of the following C code, if the system date is 5/24/2021?

```
#include<stdio.h>
#include<time.h>
int main()
{
    struct tm *local;
    time_t t;
    t=time(NULL);
    local=localtime(&t);
    printf("%d",local->tm_mday);
    return 0;
}
```

6. Write a C program to take a string input and print the float value of the input.
7. Write a C program to take a Wide-Character str1 and copy to another string str2 and also print the length of the string.
8. Write a Unix C program to read the content from a file.