Logic Building Assignment : 24

Create separate visual Studio project for each problem statement separately.

1.Write a program which accept string from user and convert it into lower case.

Input : "Marvellous Multi OS"

Output : **marvellous multi os**

```
void strlwrx(char *str)
{
        // Logic
}

int main()
{
    char arr[20];

    printf("Enter string");
    scanf("%[^'\n']s",arr);

    strlwrx(arr);

    printf("Modified string is %s",arr);

    return 0;
}
```

2.Write a program which accept string from user and convert it into upper case.

Input : **"Marvellous Multi OS"**

Output : **MARVELLOUS MULTI OS**

```
void struprx(char *str)
{
        // Logic
}

int main()
{
    char arr[20];

    printf("Enter string");
    scanf("%[^'\n']s",arr);

    struprx(arr);

    printf("Modified string is %s",arr);

    return 0;
}
```

3.Write a program which accept string from user and toggle the case.

Input :   "Marvellous Multi OS"

Output :   mARVELLOUS mULTI os

```c
void strtogglex(char *str)
{
        // Logic
}

int main()
{
    char arr[20];

    printf("Enter string");
    scanf("%[^'\n']s",arr);

    strtogglex(arr);

    printf("Modified string is %s",arr);

    return 0;
}
```

4. Write a program which accept string from user and display only digits from that string.

Input :   **"marve89llous121"**

Output :   **89121**

Input :   **"Demo"**

Output :

```
void DisplayDigit(char *str)
{
        // Logic
}

int main()
{
    char arr[20];

    printf("Enter string");
    scanf("%[^'\n']s",arr);

    DisplayDigit(arr);

    return 0;
}
```

5. Write a program which accept string from user and count number of white spaces

Input :   **"MarvellouS"**

Output :   **0**

Input :   **"MarvellouS Infosystems"**

Output :   **1**

Input :   **"MarvellouS Infosystems by Piyush Manohar Khairnnar"**

Output :   **5**

```c
int CountWhite(char *str)
{
    // Logic
}

int main()
{
    char arr[20];
    int iRet = 0;

    printf("Enter string");
    scanf("%[^'\n']s",arr);

    iRet  = CountWhite(arr);

    printf("%d",iRet);
```

```
    return 0;
}
```