

Logic Building Assignment : 23

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 strlwr(x(char *str)
{
    // Logic
}

int main()
{
    char arr[20];

    printf("Enter string");
    scanf("%s",arr);

    strlwr(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

```
voidstruprx(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

```
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

```
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;  
}
```

