

## Logic Building Assignment : 27

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(char *str)
{
    // Logic
}

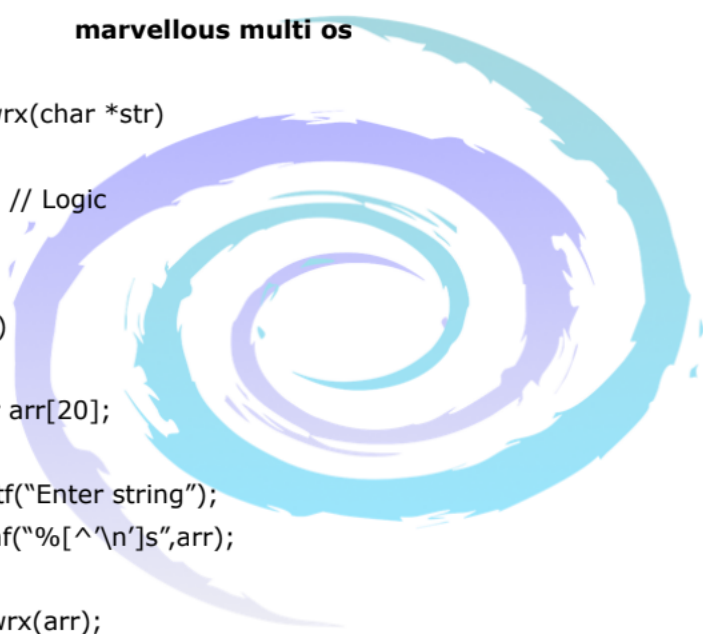
int main()
{
    char arr[20];

    printf("Enter string");
    scanf("%[^\n]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
}

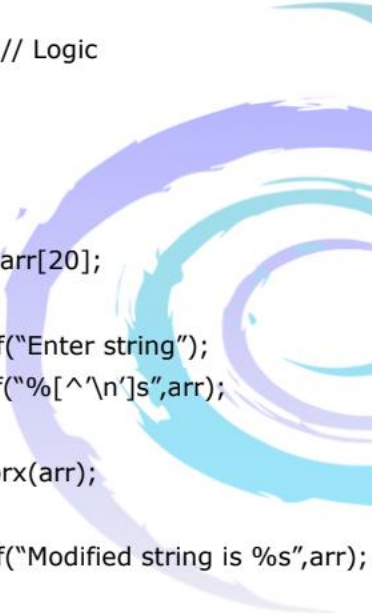
int main()
{
    char arr[20];

    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
}

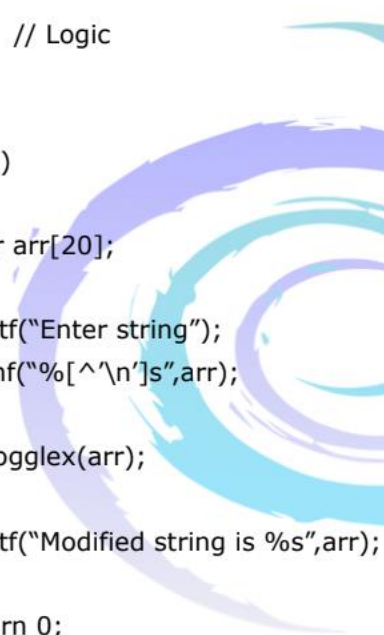
int main()
{
    char arr[20];

    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 :**

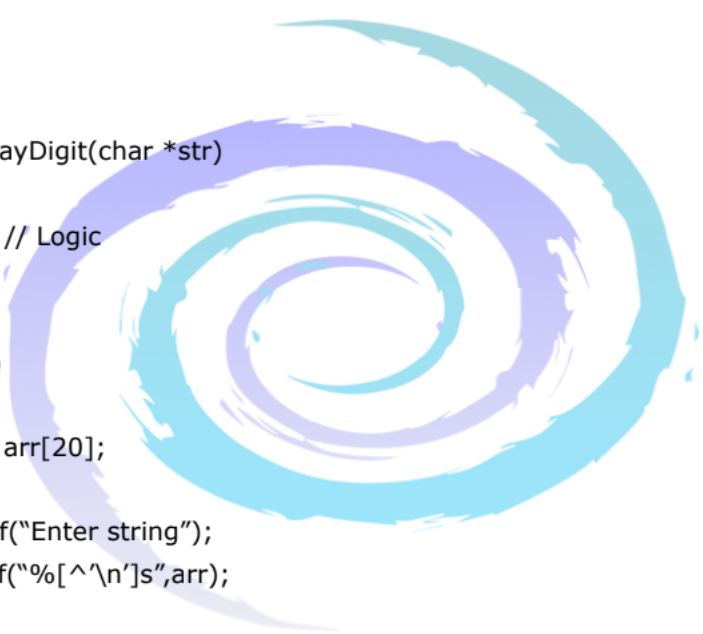
```
void DisplayDigit(char *str)
{
    // Logic
}

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"

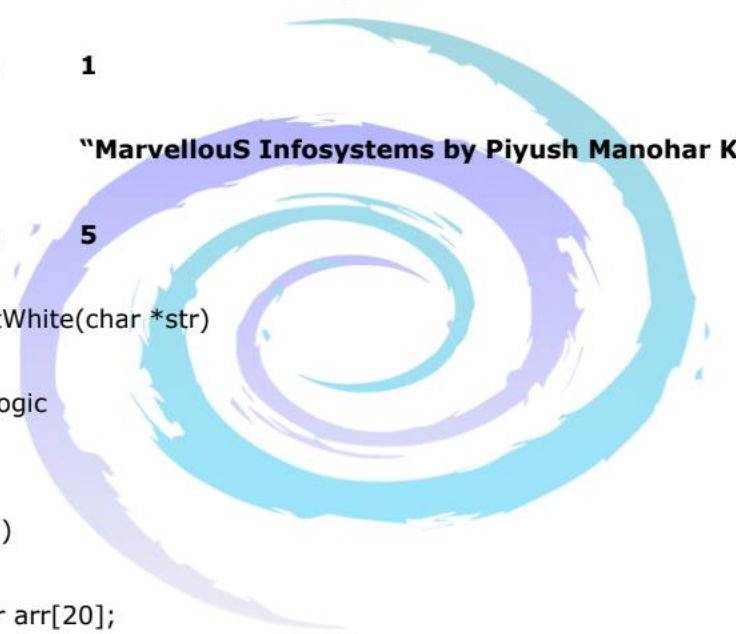
**Output :** 0

**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;
}
```