Logic Building Assignment : 26

1. Write a program which accept string from user and copy that characters of that string into another string in reverse order.

Input : "Marvellous Python"

Output : "nohtyP suollevraM"

```
void StrCpyRev(char *src, char *dest)
{
    // Logic
}

int main()
{
    char arr[30] = "Marvellous Python";
    char brr[30];              // Empty string

    StrCpyRev(arr,brr);

    prnitf("%s",brr);          // nohtyP suollevraM

    return 0;
}
```

2. Write a program which accept string from user and copy that characters of that string into another string by removing all white spaces.

Input : "Marvel lous Pyth on"

Output : **"MarvellousPython"**

```c
void StrCpyX(char *src, char *dest)
{
    // Logic
}

int main()
{
    char arr[30] = "Marvel   lous Pyth   on";
    char brr[30];              // Empty string

    StrCpyX(arr,brr);

    prnitf("%s",brr);          // MarvellousPython

    return 0;
}
```

3. Write a program which accept string from user and copy that characters of that string into another string by converting all small characters into capital case.

Input : **"Marvellous Python 2"**

Output : **"MARVELLOUS PYTHON 2"**

```c
void StrCpyCap(char *src, char *dest)
{
    // Logic
}
```

```
int main()
{
        char arr[30] = "Marvellous Python 2";
        char brr[30];                 // Empty string

        StrCpyCap(arr,brr);

        prnitf("%s",brr);             // MARVELLOUS PYTHON 2

        return 0;
}
```

4. Write a program which accept string from user and copy that characters of that string into another string by converting all capital characters into small case.

Input :   **"Marvellous Python 2"**

Output :   **"marvellous python 2"**

```
void StrCpySmall(char *src, char *dest)
{
        // Logic
}

int main()
{
        char arr[30] = "Marvellous Python 2";
        char brr[30];                 // Empty string

        StrCpySmall(arr,brr);
```

```
    prnitf("%s",brr);          // marvellous python 2


    return 0;
}
```

5. Write a program which accept string from user and copy that characters of that string into another string by toggling the case.

Input :   **"Marvellous Python 2"**

Output :   **"mARVELLOUS pYTHON 2"**

```
void StrCpyToggle(char *src, char *dest)
{
    // Logic
}

int main()
{
    char arr[30] = "Marvellous Python 2";
    char brr[30];              // Empty string

    StrCpyToggle(arr,brr);

    prnitf("%s",brr);          // mARVELLOUS pYTHON 2

    return 0;
}
```