

Logic Building Assignment : 31

Create separate visual Studio project for each problem statement separately.

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"

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

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

    StrCpyX(arr,brr);

    printf("%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"

```
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;

}
```