# WEEK 4 Project :

## 1. Creating a Bulk file :

In [19]:
```
for i in range(1,51):
    name = 'Nandy ' + str(i) + '.txt'
    fd = open(name,'w')
    fd.write("This is file no " + str(i))
    fd.close()
```

## 2. Text Encryption :

In [20]:
```
def encryption(text):
    a = ''
    for i in text:
        a += (chr(ord(i)+3))
    return a
```

Example :

In [21]:
```
print(encryption("Nandhini"))
```

```
Qdqgklql
```

## 3. Encrypting the files with Shifting the text by 3 places :

In [26]:
```
for i in range(1,51):

    name = 'Nandy ' + str(i) + '.txt'

    fd = open(name,'r')
    text = fd.read()
    fd.close()

    encryption(text)
    print(text, "|",encryption(text))
```

```
This is file no 1 | Wklv#lv#iloh#qr#4
This is file no 2 | Wklv#lv#iloh#qr#5
This is file no 3 | Wklv#lv#iloh#qr#6
This is file no 4 | Wklv#lv#iloh#qr#7
This is file no 5 | Wklv#lv#iloh#qr#8
This is file no 6 | Wklv#lv#iloh#qr#9
This is file no 7 | Wklv#lv#iloh#qr#:
This is file no 8 | Wklv#lv#iloh#qr#;
This is file no 9 | Wklv#lv#iloh#qr#<
This is file no 10 | Wklv#lv#iloh#qr#43
This is file no 11 | Wklv#lv#iloh#qr#44
This is file no 12 | Wklv#lv#iloh#qr#45
This is file no 13 | Wklv#lv#iloh#qr#46
This is file no 14 | Wklv#lv#iloh#qr#47
This is file no 15 | Wklv#lv#iloh#qr#48
This is file no 16 | Wklv#lv#iloh#qr#49
This is file no 17 | Wklv#lv#iloh#qr#4:
This is file no 18 | Wklv#lv#iloh#qr#4;
This is file no 19 | Wklv#lv#iloh#qr#4<
This is file no 20 | Wklv#lv#iloh#qr#53
This is file no 21 | Wklv#lv#iloh#qr#54
This is file no 22 | Wklv#lv#iloh#qr#55
This is file no 23 | Wklv#lv#iloh#qr#56
This is file no 24 | Wklv#lv#iloh#qr#57
This is file no 25 | Wklv#lv#iloh#qr#58
This is file no 26 | Wklv#lv#iloh#qr#59
This is file no 27 | Wklv#lv#iloh#qr#5:
This is file no 28 | Wklv#lv#iloh#qr#5;
This is file no 29 | Wklv#lv#iloh#qr#5<
This is file no 30 | Wklv#lv#iloh#qr#63
This is file no 31 | Wklv#lv#iloh#qr#64
This is file no 32 | Wklv#lv#iloh#qr#65
This is file no 33 | Wklv#lv#iloh#qr#66
This is file no 34 | Wklv#lv#iloh#qr#67
This is file no 35 | Wklv#lv#iloh#qr#68
This is file no 36 | Wklv#lv#iloh#qr#69
This is file no 37 | Wklv#lv#iloh#qr#6:
This is file no 38 | Wklv#lv#iloh#qr#6;
This is file no 39 | Wklv#lv#iloh#qr#6<
This is file no 40 | Wklv#lv#iloh#qr#73
This is file no 41 | Wklv#lv#iloh#qr#74
This is file no 42 | Wklv#lv#iloh#qr#75
This is file no 43 | Wklv#lv#iloh#qr#76
This is file no 44 | Wklv#lv#iloh#qr#77
This is file no 45 | Wklv#lv#iloh#qr#78
This is file no 46 | Wklv#lv#iloh#qr#79
This is file no 47 | Wklv#lv#iloh#qr#7:
This is file no 48 | Wklv#lv#iloh#qr#7;
This is file no 49 | Wklv#lv#iloh#qr#7<
This is file no 50 | Wklv#lv#iloh#qr#83
```

## 4. Encrypting the files with Reversing:

In [27]:
```
for i in range(1,51):
    name = "Nandy " + str(i) + '.txt'

    fd = open(name,'r')
    text = fd.read()
    fd.close()
    print(text[::-1])
```

```
1 on elif si sihT
2 on elif si sihT
3 on elif si sihT
4 on elif si sihT
5 on elif si sihT
6 on elif si sihT
7 on elif si sihT
8 on elif si sihT
9 on elif si sihT
01 on elif si sihT
11 on elif si sihT
21 on elif si sihT
31 on elif si sihT
41 on elif si sihT
51 on elif si sihT
61 on elif si sihT
71 on elif si sihT
81 on elif si sihT
91 on elif si sihT
02 on elif si sihT
12 on elif si sihT
22 on elif si sihT
32 on elif si sihT
42 on elif si sihT
52 on elif si sihT
62 on elif si sihT
72 on elif si sihT
82 on elif si sihT
92 on elif si sihT
03 on elif si sihT
13 on elif si sihT
23 on elif si sihT
33 on elif si sihT
43 on elif si sihT
53 on elif si sihT
63 on elif si sihT
73 on elif si sihT
83 on elif si sihT
93 on elif si sihT
04 on elif si sihT
14 on elif si sihT
24 on elif si sihT
34 on elif si sihT
44 on elif si sihT
54 on elif si sihT
64 on elif si sihT
74 on elif si sihT
84 on elif si sihT
94 on elif si sihT
05 on elif si sihT
```