

CORRIGÉ DU TP 2

```
#####
#          CORRIGE DU TP 2
#####
```

```
#####
# EXERCICE 1
```

```
# Un corrigé possible
```

```
for k in range(1,11):
    print ( 'Le carré de' , k, ' est ' , k**2)
```

```
# Un autre corrigé possible
```

```
for k in range(10):
    print ( 'Le carré de' , k+1, ' est ' , (k+1)**2)
```

```
# Encore un corrigé possible
```

```
for compteur in range(1,11):
    print ( 'Le carré de' , compteur, ' est ' , compteur**2)
```

```
# Si on veut que l' utilisateur choisisse le nombre de carrés à afficher
```

```
print ( 'Bonjour! Choisissez un entier ' )
N =int (input())
for k in range(1,N+1):
    print ( 'Le carré de' , k, ' est ' , k**2)
```

```
#####
# EXERCICE 2
```

```
# QUESTION 1
```

```
print ( 'Bonjour! Choisissez un entier ' )
N =int (input())
print (N * '*' )
```

```
# QUESTION 2
```

```
print ( 'Bonjour! Choisissez un entier ' )
N =int (input())
for k in range(1,N+1):
    print (N * '*' )
```

```
#####
# EXERCICE 3
```

```
print ( 'Bonjour! Choisissez un entier ' )
N =int (input())
for k in range(1,N+1):
    print (k * '*' )
```

```
#####  
# EXERCICE 4
```

```
for k in range(1, 6):  
    for j in range(1, k+1):  
        print ( j , end = ' ' )  
    print ( ' ' )
```

```
#####  
# EXERCICE 5
```

```
# QUESTION 1
```

```
for k in range(65, 91):  
    print ( 'La lettre ' , chr(k) , ' est codée en ASCII par' , k)
```

```
# QUESTION 2
```

```
for k in range(1, 27):  
    for j in range(65, 65 +k) :  
        print (chr( j ) , end = ' ' )  
    print ( ' ' )
```

```
#####  
# EXERCICE 6
```

```
Somme =0  
for k in range(1,11):  
    Somme =Somme +k**2  
print (Somme)
```

```
#####  
# EXERCICE 7
```

```
Prod =1  
for k in range(1,11):  
    Prod =Prod *k**2  
print (Prod)
```