

Exercice 1 *3 points*

```
somme = 0
for k in range(101):
    somme += k
```

Exercice 2 *3 points*

```
lettres = "ABCD"
chiffres = "0123456789"

for l1 in lettres:
    for c1 in chiffres:
        for l2 in lettres:
            for c2 in chiffres:
                print(l1+c1+l2+c2)
```

Exercice 3 *2 points*

```
for n in range(1,101):
    if n % 2 == 0 and n % 7 == 0:
        print(n)
```

Exercice 4 *4 points*

```
for k in range(1, 21):
    if k % 3 == 0 and k % 5 == 0:
        print('fizzbuzz')
    elif k % 3 == 0:
        print('fizz')
    elif k % 5 == 0:
        print('buzz')
    else:
        print(k)
```

Exercice 5 *4 points*

```
age = 7 # 7 est donné à titre d'exemple
if age < 5:
    prix = 0
elif age < 10:
    prix = 10
else:
    prix = 15
print("prix :", prix)
```

Exercice 6 *4 points*

```
voyelles = "aeiouy"
mot = input("entrez un mot : ")
nb_voy = 0
nb_cons = 0
for lettre in mot:
    if lettre in voyelles:
        nb_voy += 1
    else:
        nb_cons += 1
print("votre mot comporte", nb_voy, "voyelles et", nb_cons, "
consonnes.")
```