

# Programmes TP Turtle

---

Exercice II.2 (Boucles)

---

```
from turtle import *

for i in range(1,15):
    forward(10*i)
    left(90)
    forward(10*i)
    left(90)

done()
```

---

Exercice II.3 (Cercles)

---

```
from turtle import *

for i in range(36):
    circle(80)
    left(10)

done()
```

---

Exercice II.4 (Créneaux)

---

```
from turtle import *

for j in range(1,5):
    for i in range(1,6):
        forward(10)
        left(90)
        forward(10)
        right(90)
        forward(10)
        right(90)
        forward(10)
        left(90)
```

```
forward(10)
right(90)
```

```
done()
```

---

Exercice II.5 (Carrés)

---

```
from turtle import *

def carre(i):
    forward(i)
    left(90)
    forward(i)
    left(90)
    forward(i)
    left(90)
    forward(i)
    left(90)
```

```
for i in range(24):
    carre(80)
    left(15)
```

```
for i in range(24):
    carre(10)
    left(15)
```

```
done()
```

---

Exercice II.6 (Rectangles)

---

```
from turtle import *

def rect(i,j):
    forward(i)
    left(90)
    forward(j)
    left(90)
    forward(i)
```

```
    left(90)
    forward(j)
    left(90)

for i in range(240):
    rect(300,110)
    left(1.5)

done()
```

---

Exercice II.7 (Etoile)

---

```
from turtle import *

def star(x):
    for i in range(5):
        forward(x)
        right(144)

star(100)

done()
```