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turtle1.py - f:\Users\Utilisateur\
File Edit Format Run Op
from turtle import *

shape("arrow")

for i in range(1,5):
    forward(150)
    left(90)

for i in range(1,4):
    forward(150)
    left(120)

for i in range(1,7):
    forward(150)
    left(60)
```

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turtle2.py - f:\Users\Utilisateur\Fo
File Edit Format Run Options Window
from math import *
from turtle import *

setup(600,500)
up()
goto(-100,0)
down()

color('blue')
pencolor("green")
pensize(3)

r = 100
right(90)
circle(r, 180)
circle(2 * r, 45)
circle(r * (2 - sqrt(2)), 90)
circle(2 * r, 45)

hideturtle()
mainloop()
```

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turtle6b.py - f:\Users\Utilisateur\
File Edit Format Run Options
from turtle import *

setup(600, 600)

n=73
speed(20)
pensize(1.5)
pencolor("black")

for i in range(n):
    for j in range(4):
        forward(3*i)
        left(90)
        right(10)
```

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turtle4b.py - f:\Users\Utilisateur\Desktop\Formation_17_10\2 Form
File Edit Format Run Options Window Help
from turtle import *

setup(600, 600)
print("donner un nombre impair de branches:")
n = int(input("Nombre de branches :"))

for i in range (n):
    forward(200)
    right(180-180/n)

hideturtle()
mainloop()
```

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turtle3.py - f:\Users\Utilisateur\Des
File Edit Format Run Options
from turtle import *

setup(1400,300)

up()
goto(-600,0)
down()

for i in range (6):
    color('blue')

    for i in range (4):
        forward(50)
        right(90)
        forward(50)

    color('black')
    forward(50)

    color('red')
    for i in range (3):
        forward(50)
        right(120)
        forward(50)

    color('black')
    forward(50)
```

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turtle4a.py - f:\Users\Utilisateur\
File Edit Format Run Options
from turtle import *

setup(500,500)

for i in range (40):
    forward(10*i)
    left(90)

hideturtle()
mainloop()
```

```
turtle4c.py - f:\Users\Utilisateur\
File Edit Format Run Options
from turtle import *

setup(600,600)

for i in range (4):
    for j in range (5):
        forward(20)
        left(90)
        forward(20)
        right(90)
        forward(20)
        right(90)
        forward(20)
        left(90)
        forward(20)
        right(90)

mainloop ()
```

```
turtle5.py - f:\Users\Utilisateur\Desktop\Formation_17_10\2
File Edit Format Run Options Window Help
from turtle import *

setup(600, 600)

n = int(input("Nombre de cercles :"))
speed(10)
pencolor("blue")

for i in range(n):
    circle(50)
    left(360/n)

hideturtle()
mainloop()
```

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turtle6a.py - f:\Users\Utilisateur
File Edit Format Run Option
from turtle import *

setup(600, 600)

pencolor("blue")
speed(10)

for i in range (1,92):
    for j in range(2):
        forward(5*i)
        right(89.5)

mainloop ()
```