

```

from turtle import *
speed(5)
pensize(2)
def maison(taille,porte,couleur,x,y):
    up()
    home()
    goto(x,y)
    down()
    pencolor('black')
    forward(taille) # plancher
    left(90)
    forward(taille) # mur droit

    # le toit
    pencolor('green')
    left(30)
    forward(taille) # toiture gauche
    left(120)
    forward(taille) # toiture droite
    left(120)
    forward(taille) # plafond
    left(180)
    forward(taille)
    pencolor('black')
    left(90)
    forward(taille) # mur gauche
    left(90)
    forward(taille/4) # seuil de porte
    left(90)

    pencolor(couleur)
    forward(porte) # porte (gauche)
    right(90)
    forward(taille/2) # porte (haut)
    right(90)
    forward(porte) # porte (droit)

```

```

def nuage(taille,couleur,coloriage,x,y):
    up()
    goto(x,y)
    down()
    begin_fill()
    color(coloriage)
    pencolor(couleur)
    circle(taille,180)
    right(180)
    circle(taille,180)
    right(90)
    circle(taille,180)
    right(90)
    circle(taille,180)
    right(180)
    circle(taille,180)
    right(90)
    circle(taille,180)
    left(90)
    end_fill()

```

```

def soleil(taille,x,y):
    up()
    goto(x,y)
    down()
    begin_fill()
    color('yellow')
    circle(taille)
    end_fill()
    up()
    right(90)
    forward(taille*0.2)
    left(90)
    down()
    pencolor('yellow')
    circle(taille*1.2)

```

```

up()
right(90)
forward(taille*0.2)
left(90)
down()
pencolor('yellow')
circle(taille*1.4)

```

```

hideturtle()
maison(80,40,'blue',0,-20)
maison(100,60,'red',150,0)
maison(60,30,'navy',-300,20)
maison(120,80,'purple',-200,-30)
nuage(20,'yellow','orange',-80,200)
nuage(10,'yellow','pink',200,250)
nuage(10,'yellow','blue',50,220)
soleil(40,-200,250)

```

```

up()
goto(-50,-100)
down()
pencolor('blue')
write("Mon petit village",
      font=('arial',30))

for k in range (5):
    speed(1)
    up()
    goto(-50,-150)
    down()
    pencolor('white')
    write("par SNT - 2nde - 2025",
          font=('arial',20,'italic'))
    up()
    goto(-50,-150)
    down()
    pencolor('green')
    write("par SNT - 2nde - 2025",
          font=('arial',20,'italic'))

```