

Code source du second programme.

```
#-----A=arbre
#-----#=arbre en feu (+cendre)
#-----T=obstacle

import random

ab("-----")
print(ab)
TAILLE_FORET = 10

foret = [['T' for y in range(TAILLE_FORET)] for x in range(TAILLE_FORET)]

for loop in range(90):
    foret[random.randrange(0,9)][random.randrange(0,9)] = "A"

foret[random.randrange(1,7)][random.randrange(1,7)] = "#"

for loop in range(30):
    for x in range(TAILLE_FORET):
        for y in range(TAILLE_FORET):
            print(foret[x][y], end=' ')

            print("|")

    print("-----")
    print("-----")

    for x in range(TAILLE_FORET):
        for y in range(TAILLE_FORET):
            if (foret[x][y] == "#"):
                dir = random.randrange(0,4)

#-----
                if (dir == 1):
                    if (x == 0 or foret[x-1][y] == "#" or foret[x-1][y] == "T" ):
                        pass
                    else:
                        foret[x-1][y] = "#"
                        break

#-----
                elif (dir == 2):
                    if (x == TAILLE_FORET-1 or foret[x+1][y] == "#" or foret[x+1][y] == "T"):
                        pass
                    else:
                        foret[x+1][y] = "#"
                        break

#-----
                elif (dir == 3):
                    if (y == 0 or foret[x][y-1] == "#" or foret[x][y-1] == "T"):
                        pass
                    else:
                        foret[x][y-1] = "#"
                        break
            else:
                if (y == TAILLE_FORET-1 or foret[x][y+1] == "#" or foret[x][y+1] == "T"):
                    pass
                else:
                    foret[x][y+1] = "#"
                    break
```