

TP_Structure_de_File_avec_liste_python.py

```
01 | class File_attente:
02 |     def __init__(self):
03 |         self.file = []
04 |
05 |     def enfiler(self, valeur):
06 |         self.file.append(valeur)
07 |
08 |     def est_Vide(self):
09 |         return self.file == []
10 |
11 |     def taille(self):
12 |         return len(self.file)
13 |
14 |
15 |     def defiler(self):
16 |         if self.file:
17 |             return self.file.pop(0)
18 |
19 |     def affichage(self) :
20 |         print("Contenu de la file : ",end = "
")
21 |         for elt in self.file :
22 |             print(f"{elt}" , end=" ")
23 |         print("")
24 |
25 |
26 |
27 | Carrefour = File_attente()
28 | liste =
["JusDeCactus","Piguite","Tototra","BobLamateur","l
oic"]
29 |
30 | for elt in liste :
31 |     Carrefour.enfiler(elt)
32 |
33 | print(Carrefour.taille())
34 | Carrefour.affichage()
35 | Carrefour.enfiler("Robin")
```

```
36 | Carrefour.enfiler("Loric")
37 | Carrefour.affichage()
38 |
39 | print(Carrefour.defiler())
40 | print(Carrefour.defiler())
41 | print(Carrefour.defiler())
42 | print(Carrefour.defiler())
43 | Carrefour.affichage()
```