import time # din modulul time vom folosi functia sleep pt a opri scriptul #in functie de argument  
from pathlib import Path # va itera fiecare folder/subfolder si va afisa #in consola toate directoarele/fisierele  
from prettytable import PrettyTable  
import os  
from pynput import keyboard as kb  
from threading import Thread  
from aplicatii import meniu  
  
root: str = "/"  
  
tabel\_list: list  
  
  
def on\_relase(key) -> bool:  
 if key == kb.Key.esc:  
 return False  
  
  
def inside\_dir() -> None:  
 global root, tabel\_list  
 var\_index = input("SCrie nr. de index din tabelul de mai sus: ")  
 if ''.join([char for char in var\_index if char == '/']):  
 root = '/'  
 else:  
 var\_index = ''.join([char for char in var\_index if char.isdigit()])  
 try:  
 int(var\_index)  
 try:  
 root1: str = f"{root}/{tabel\_list[int(var\_index) - 1]}/"  
 root = root1  
 except IndexError:  
 os.system("clear")  
 print("Alege un index doar unde vezi la TIP: DIR")  
 time.sleep(3)  
 except ValueError:  
 os.system("clear")  
 print("Nu am inteles....te rog scrie un numar")  
 time.sleep(3)  
 afisare()  
  
  
def up\_dir() -> None:  
 global root  
 root\_list: list = root.split("/")  
 try:  
 root\_list.pop(-1)  
 root\_list.pop(-1)  
 root = "/".join(root\_list)  
 root = f"{root}"  
 except IndexError:  
 os.system("clear")  
 root = '/'  
 print("ATENTIE: Locatia ta este ", root)  
 time.sleep(3)  
 finally:  
 afisare()  
  
  
def on\_press(key) -> None:  
 if key == kb.Key.alt:  
 fir\_exec: Thread = Thread(target=inside\_dir)  
 fir\_exec.start()  
 elif key == kb.Key.up:  
 fir\_exec: Thread = Thread(target=up\_dir)  
 fir\_exec.start()  
 elif key == kb.Key.esc:  
 meniu()  
  
  
def afisare() -> None:  
 *"""Iterarea pt fiecare folder"""* global root, tabel\_list  
 os.system("clear")  
 path: Path = Path(root)  
 index: int = 1  
 tabla: PrettyTable = PrettyTable()  
 list\_dir: list[str] = list()  
 list\_file: list[str] = list()  
 for elem in path.glob("\*"):  
 if elem.is\_dir():  
 list\_dir.append(elem.name)  
 elif elem.is\_file():  
 list\_file.append(elem.name)  
  
 list\_dir.sort()  
 tabel\_list = list\_dir  
 list\_file.sort()  
 tabla.field\_names = ["INDEX", "NUME", "TIP"]  
 for director in list\_dir:  
 tabla.add\_row([f"{index}", director, "DIR"])  
 index += 1  
 for fisier in list\_file:  
 tabla.add\_row([f"{index}", fisier, "FILE"])  
 index += 1  
 tb: PrettyTable = PrettyTable()  
 tb.field\_names = ["TASTA", "DESCRIERE"]  
 tb.add\_row(["ALT", "Va trebui sa scri numele unui director\nPentru a intra va trebui\sa apesi si tasta ENTER\n"])  
 tb.add\_row(["UP", "Sari 1 level\n"])  
 tb.add\_row(["ESC", "Iesire program"])  
 tabla.align, tb.align = "c", "c"  
 print(f"\n{7 \* ' '}---LISTA DIR/FISIER---\n{tabla}\n\n---Esti in locatia {root}\n\n{25 \* ' '}---LISTA COMENZI---\n{tb}")  
  
  
afisare()  
  
listener = kb.Listener(on\_press=on\_press, on\_release=on\_relase)  
listener.start()  
listener.join()