

# TAREAS: ARBOLES

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The image displays two screenshots of a Visual Studio Code editor window, showing a Python script for a binary tree structure. The editor is running on a Windows machine, as indicated by the taskbar and the Windows logo in the bottom left corner.

**Top Screenshot:** The editor shows a file named `arbol1.py` with the following code:

```
1 #árboles binarios
2
3 from anytree import Node, RenderTree
4
5 root = Node(10)
6
7 level_1_child_1 = Node(34, parent=root)
8 level_1_child_3 = Node(4, parent=root)
9 level_1_child_2 = Node(89, parent=root)
10 level_2_child_1 = Node(45, parent=level_1_child_1)
11 level_2_child_2 = Node(50, parent=level_1_child_2)
12
13 for pre, fill, node in RenderTree(root):
14     print("%s%s" % (pre, node.name))
```

The terminal output shows a `ConnectionRefusedError: [WinError 10061] No se puede establecer una conexión ya que el equipo de destino denegó expresamente dicha conexión`. The error message is in Spanish, indicating that the connection to the remote host was refused.

**Bottom Screenshot:** The editor shows the same file `arbol1.py` with the following code:

```
1 #árboles binarios
2
3 from anytree import Node, RenderTree
4
5 root = Node("Sajith Alejandro Montaña Grimaldo: Carrera TIC'S")
6
7 level_1_child_1 = Node("Juandedios: Carrera TIC'S ", parent=root)
8 level_1_child_3 = Node("Santiago: Carrera TIC'S", parent=root)
9 level_1_child_2 = Node("Axel: Carrera TIC'S", parent=root)
10 level_2_child_1 = Node("Jesus: Carrera TIC'S", parent=level_1_child_1)
11 level_2_child_2 = Node("Rainer: Carrera TIC'S", parent=level_1_child_2)
12
13 for pre, fill, node in RenderTree(root):
14     print("%s%s" % (pre, node.name))
```

The terminal output shows the tree structure rendered correctly:

```
PS E:\trabajos de git\UNIDADES\UNIDAD 3\ARBOLES> e; cd 'e:\trabajos de git\UNIDADES\UNIDAD 3\ARBOLES'; & 'C:\Users\pixel\AppData\Local\Microsoft\WindowsApps\python3.11.exe' 'c:\Users\pixel\.vscode\extensions\ms-python.python-2023.20.0\pythonFiles\lib\python\debugpy\adapter\..\..\debugpy\launcher' '54655' '-' 'E:\trabajos de git\UNIDADES\UNIDAD 3\ARBOLES\arbol1.py'
10
├── 34
│   └── 45
│       ├── 4
│       └── 89
│           ├── 45
│           └── 50
PS E:\trabajos de git\UNIDADES\UNIDAD 3\ARBOLES>
```

