

```
67         else:
68             taxAm3 = (taxableIncome - sin3low) * tax3
69             totalTaxes = taxAm3 + taxAm2 + taxAm1
```

```

70         print(f'Tax is {totalTaxes:.2f}')
71     else:
72         taxAm2 = (taxableIncome - sin2low) * tax2
73         totalTaxes = taxAm2 + taxAm1
74         print(f'Tax is {totalTaxes:.2f}')
75     else:
76         taxAmount = taxableIncome * tax1
77         print(f'Tax is {taxAmount:.2f}')
78
79 #Since the filing status was not 0, taxes will be calculated at a joint filing status
80 #The same process will be followed by the pseudocode written above
81 else:
82     if taxableIncome > joint1:
83         taxAm1 = joint1 * tax1
84     if taxableIncome > joint2high:
85         taxAm2 = (joint2high - joint2low) * tax2
86     if taxableIncome > joint3high:
87         taxAm3 = (joint3high - joint3low) * tax3
88     if taxableIncome > joint4high:
89         taxAm4 = (joint4high - joint4low) * tax4
90     if taxableIncome > joint5high:
91         taxAm5 = (joint5high - joint5low) * tax5
92     if taxableIncome > joint6:
93         taxAm6 = (taxableIncome - joint6) * tax6
94         totalTaxes = tax6 + tax5 + tax4 + tax3 + tax2 + tax1
95         print(f'Tax is {totalTaxes:.2f}')
96     else:
97         taxAm5 = (taxableIncome - joint5low) * tax5
98         totalTaxes = tax5 + tax4 + tax3 + tax2 + tax1
99         print(f'Tax is {totalTaxes:.2f}')
100 else:
101     taxAm4 = (taxableIncome - joint4low) * tax4
102     totalTaxes = taxAm4 + taxAm3 + taxAm2 + taxAm1
103     print(f'Tax is {totalTaxes:.2f}')
104 else:
105     taxAm3 = (taxableIncome - joint3low) * tax3
106     totalTaxes = taxAm3 + taxAm2 + taxAm1
107     print(f'Tax is {totalTaxes:.2f}')
108 else:
109     taxAm2 = (taxableIncome - joint2low) * tax2
110     totalTaxes = taxAm2 + taxAm1
111     print(f'Tax is {totalTaxes:.2f}')
112 else:
113     taxAmount = taxableIncome * tax1
114     print(f'Tax is {taxAmount:.2f}')[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/OLA[01;32mjovyan@jupyter-
tes4j[00m:[01;34m~/OLA[00m$ python3.10 Tax.py
[?2004l
Enter the filing status: 0
Enter the taxable income: 100000
Tax is 21630.00
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/OLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/OLA[00m$ python3.10 Tax.py
[?2004l
Enter the filing status: 1
Enter the taxable income: 1375 052 1
Tax is 26687.78
[?2004h(base) ]0;jovyan@jupyter-tes4j: ~/OLA[01;32mjovyan@jupyter-tes4j[00m:[01;34m~/OLA[00m$ exit
[?2004l
exit

```

Script done on 2023-09-26 15:22:59-05:00 [COMMAND_EXIT_CODE="0"]