For GH¢600:

The highest cumulative income less than GH¢600 is GH¢402, and the corresponding cumulative tax is GH¢0 (as per the original explanation).

Subtracting GH¢402 from GH¢600 gives GH¢198.

Tax on GH¢198 at 5% is GH¢9.90.

The total tax is $GH \not c0 + GH \not c9.90 = GH \not c9.90$.

Net salary: $GH \not \in 600 - GH \not \in 9.90 = GH \not \in 590.10$.

For GH¢6,000:

The highest cumulative income less than $GH \not\in 6,000$ is $GH \not\in 3,642$, and the corresponding cumulative tax is $GH \not\in 543.50$.

Subtracting GH¢3,643 from GH¢6,000 gives GH¢2,357.

Tax on GH¢2,357 at 25% is GH¢589.25

The total tax is $GH \not\in 543.50 + GH \not\in 589.25 = GH \not\in 1,132.75$.

Net salary: $GH \not \in 6,000 - GH \not \in 1,132.75 = GH \not \in 4,867.25$.

For GH¢60,000:

The highest cumulative income less than GH¢60,000 is GH¢50,000, and the corresponding cumulative tax is GH¢13,631.15

Subtracting GH¢50,000 from GH¢60,000 gives GH¢10,000.

Tax on GH¢10,000 at 35% is GH¢3,500.

The total tax is $GH \not\in 13,631.15 + GH \not\in 3,500 = GH \not\in 17,131.15$

Net salary: $GH \not \in 60,000 - GH \not \in 17,131.15 = GH \not \in 42,868.85$.

Algorithm

- Take gross salary from the user.
- Create a list containing the cumulative income ranges.
- Create a list of the cumulative taxes charged.
- Create another list for the rates charged per chargeable income range.
- Loop through the list of cumulative income and choose the highest income less than the gross salary the user entered.
- Find the tax on the cumulative income selected using its respective cumulative tax charged.
- Subtract the selected cumulative income from the gross salary.

- From the previous result, calculate the tax on it using the next rate charged.
- Sum the taxes charged and subtract them from the gross income to give the net salary

B.

Please enter your gross salary: 200
No tax was deducted hence your net salary is 200.0
200.0

Please enter your gross salary: 30000
The tax on your gross salary 30000.0 is 7631.15.
Your net salary is 22368.85.

Please enter your gross salary: 2000 The tax on your gross salary 2000.0 is 256.15. Your net salary is 1743.85.

Please enter your gross salary: 402
The tax on your gross salary 402.0 is 0.0.
Your net salary is 402.0.

So with the above, I verified my program with the example in the question. Then I chose a number less than 402 to see if nothing would be deducted. I also used the figures the question asked to see if it correlated with the answers I got when I solved.