ACTIVITY 3

A town contains 5000 houses. Each house owner must pay tax based on the value of the house. Houses over $200 000 pay 2% of their value in tax, houses over $100 000 pay 1.5% of their value in tax and houses over $50 000 pay 1% of their value in tax. All others pay no tax. Write an algorithm to solve this problem in the form of a flowchart.

int house, h = 5000;

int h1cost = 200000;

int h2cost = 100000;

int h3cost = 50000;

if >= h1cost;

then tax = 2%;

if >= h2cost;

then tax = 1.5%;

if >= h3cost;

then tax = 1%;

if <h3cost;

then tax = 0%;