//class header

public class APLine

{

// instance variables

private int aVal;

private int bVal;

private int cVal;

// constructor

public APLine(int a, int b, int c)

{

aVal = a;

bVal = b;

cVal = c;

}

// methods

public double getSlope()

{

double slope;

slope = -1.0 \* aVal / bVal;

return slope;

}

public boolean isOnLine(int x, int y)

{

if(aVal \* x + bVal \* y + cVal == 0)

return true;

else

return false;

}

}