import java.util. \*;

class Main{

public static void main(String[] args){

double x[]={1, 2, 3, 4, 5, 6, 7, 8, 9, 10};

double memvalue = 0, factor = 0;

double gamma=1;

for (int i=0;i < 10;i++)

{

factor=(double)gamma \* Math.abs((double)5 / Math.max(x[i], 5)-

(double)i / Math.max(x[i], 5));

if (factor == 0)

memvalue=1;

if (factor > 0 & & factor <= 1)

memvalue=1-factor;

if (factor > 1)

memvalue=0;

System.out.println(i+"->"+memvalue);

}

}

}