import java.util.\*;

public class metapp {

public static void main(String[] args) {

int passe;

double fca;

double cc;

Scanner py= new Scanner(System.in);

System.out.println("Enter the no. of passesngers ");

passe=py.nextInt();

System.out.println("Enter the Fuel Capacity of the plane");

fca=py.nextDouble();

System.out.println("Enter the Fuel Consumption of the plane");

cc=py.nextDouble();

ac pia= new ac(passe,fca,cc);

System.out.println("No of passesngers "+pia.pass);

System.out.println("Total Fuel Capacity "+pia.fcap);

System.out.println("Fuel Consumption "+pia.fc);

System.out.println("Performance 1st method " );

pia.perfom();

System.out.println("Performance 2nd method "+ pia.perfo() );

System.out.println("Flying time of the plane "+ pia.ft(3.5) );

}

}

class ac

{

int pass;

double fcap;

double fc;

ac(int a, double cap, double c){

pass=a;

fcap=cap;

fc=c;

}

void perfom()

{

double p;

p= fcap/fc;

System.out.println("Performance "+p);

}

double perfo()

{

double p;

p= fcap/fc;

return p;

}

double ft(double t)

{

return fc\*t ;

}

}