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 ;

 }

}