public class **P** {

 public void m1() {

 System.out.println("P.m1()");

 }

}

public class **C extends P** {

 public void m2() {

 System.out.println("C.m2()");

 }

}

public class **Driver** {

 public static void main(String [] args) {

 Scanner s = null;

 int result = -1;

 P [] array = null;

 s = new Scanner(System.in);

 System.out.println("0: P, P");

 System.out.println("1: P, C");

 System.out.println("2: C, P");

 System.out.println("3: C, C");

 System.out.print("Desired result: ");

 result = s.nextInt();

 array = new P[2];

 switch(result) {

 case 0:

 array[0] = new P();

 array[1] = new P();

 break;

 case 1:

 array[0] = new P();

 array[1] = new C();

 break;

 case 2:

 array[0] = new C();

 array[1] = new P();

 break;

 case 3:

 array[0] = new C();

 array[1] = new C();

 break;

 }

 // Part 1: Write the code to call m1() for both elements

 // Part 2: Write the code to call m2() for the

 // appropriate element(s)

 }

 }

}