2. Control statements (a) Under what conditions will the statements p1, p2, p3 and p4 be executed? if (a<0) { p1 } else if (b!=0) { p2 } else if $(a==b) \{ p3 \}$ else if $(a==0) \{ p4 \}$ [4](b) Rewrite the following program statement if (a<b) if (b<0) { p1 } else if (a==b) if (b==0) { p2 } else if (b>0) { p3 } [2] in the simplest form you can. (c) Give the output of the following program. class TooMany { static void howMany (int k) { switch (k) { case 1 : System.out.print("one"); case 2 : System.out.print("too"); case 3 : System.out.println("many"); 7 } public static void main(String[] args) { 10 howMany(3);11 howMany(2); 12 howMany(1); } 14 } 15 [3] State the difference to the output if a break statement were added to the end of: (i) line 4; (ii) lines 4 and 5; (iii) lines 4, 5 and 6. [3]