1. Circle the errors in the following statements of a C program. (+2 for a correct answer,
   -1 for a wrong answer.)

   ```
   char a,b,int;
   int c,d,Char;
   float f4,2k;
   a=Z;
   2==a+b;
   c+d==f4;
   3 = c;
   ```

2. What will be the output of the following statements of a C program?   [4]

   ```
   int x=3,y=1;
   if(x<y++)x +=2;
   if(x>y)y +=4;
   printf("x=%d y=%d\n",x,y);
   ```

   Answer:

3. Suppose that a, b, c and d are real numbers and they are related by

   $$d = \frac{a + \dfrac{b-c}{b+c}}{a+bc} - a$$

   Complete the 2nd statement below that implements this relation into a C statement. [4]

   ```
   double a=2.0,b=3.0,c=5.0,d;
   d=                                      /*Complete this line*/
   ```

2. What will be the output of the following statements of a C program?   [4]

   ```
   double x=345.0625;
   printf("x=%0.2f\n",x);
   printf("x=%0.2e\n",x);
   ```

   Answer: