1. Are the following valid identifiers? Write True or False. You do not have to provide any reason. (18 pts)
   1) __void ______________
   2) int ______________
   3) Int ______________
   4) double01 ______________
   5) 01double ______________
   6) double!! ______________

2. Compare the following two numbers. Show all your work. (12 pts)
   (1010)₂ (10)₁₀

3. Given the variables declared as
   ```
   int t = 2, u = 4;
   double x = 6.0, y = 3.0;
   ```
   Evaluate the following numerical expressions. Fill in the values and types of the results. The first row shows an example. Assume that expressions are independent. (40 pts)

4. Write the values that will be printed to the console by the program below: (30 pts)
   ```java
   int x = 3, y = 4, z = -2;
   z += ++y;
   x *= z--;
   y %= z;
   System.out.println(x);  ______________
   System.out.println(y);  ______________
   System.out.println(z);  ______________
   x = 4;
   y = 7;
   z -= ++x * y--;
   System.out.println(x);  ______________
   System.out.println(y);  ______________
   System.out.println(z);  ______________
   ```