1) Circle and remark on the four mistakes (three are compiler errors and one is a logical error) in this if statement:

```java
Int age = 20;
if age < 20
    System.out.println("You’re a teen");
else if(age > 20);
    System.out.println("You are not a teen");
```

Mistakes:
1. 
2. 
3. 
4. 

2) Write the output of this code:

```java
String character = “chihiro”;
switch(character){
    case “chihiro”:
        System.out.println(“You must help your “ +
                          “parents!”);
        break;
    case “haku”:
        System.out.println(“You are the “ +
                          “river spirit!”);
        break;
    case “zeniba”:
        System.out.println(“You are a powerful” +
                          “witch!”);
        break;
    case “kamaji”:
        System.out.println(“You toil in the “ +
                          “boiler room!”);
        break;
    default:
        System.out.println("Are you a character in “ +
                           “Spirited Away?");
}
```

Output:
3) Given a String str, if the String starts with 'f' return "Fizz". If the String ends with 'b' return "Buzz". If both the 'f' and 'b' conditions are true, return "FizzBuzz". You will need to use the charAt() and the length() method for this question.

4) Write a switch statement based off the pre-defined char variable c0 that will print the character only if the character is a vowel.

5) Given 3 int values, a b c, print their sum. However, if one of the values is the same as another of the values, it does not count towards the sum.

6) Given two int values, a and b, print true if:
   ● Either value is 6
   ● Their sum or difference is 6
   else print false.
   Note: the function Math.abs(num) computes the absolute value of a number.