Q1. The information of patients and doctors is stored in a database maintained by the hospital's management, which stores usernames in text form and passwords in hash code blocks. Let's say an attacker got into the database and found a doctor with the username "Dr. John Watts" and a password made up of hash code blocks that were not in order

B1- 0b7a513a55e541e5

B2- e0baf7d2d360a836

B3- 36be56b6ebd94149

B4- 924aa8f88b51ac7b

Hint (1. Guesses the correct order and combine then check in online hash breaker website

2. Doctor uses well known person names as password)

Q2. Assume that, you hacked the bank database and found the partial string ZAM\*\*\*\*\*  ,where \* is the hidden character, and the characters are alphanumeric(A-Z, a-z and 0-9) and its corresponding hash code: d0a26218b4ad3c4c7b93a3f1b94d7687006a0b65ee0395e4696326f24f6dfb5d

Find all five hidden characters in the partial string that results in the corresponding hash code.

Q3. Assume that your friend who works in a bank got a customer secret data (password+salt) hash code: 1FF8E27238F970FC4BD334EC96E70CC96B5001938B8FE8AAFFDC3AA50D960A32 from the server storage. Your friend also knows the total password length is seven characters and the first two characters are "He" the remaining five characters range (alphanumeric (A-Z, a-z and 0-9), one special character ("!")). The salt length is four. All four characters are numbers (0 to 9).

Your friend asked for your help. Find the remaining five characters in the password and the salt four numbers that result in the corresponding hash code.

Hint: He\*\*\*\*\*XXXX,  where "\*" is alphanumeric character/special character "!"      and "X"  numbers range[0-9]