**Cricket Kit Contribution - Requirement 2**

**Requirement 2:**   
Create a class named as **Main**, which contains following static methods. 

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| **Method Name** | **Description** |
| static boolean validateCouponCode(String couponCode) | Check the coupon code and return true if the coupon is valid else false |
| static boolean checkValidityOfCouponCode(String couponCode, Date boughtDate) | Check the validity of the coupon code and return true if the coupon has validity else false. [No need to check whether coupon code is valid or not, Just check the validity] |

Follow the below rules for validateCouponCode method,  
A coupon code is valid if it satisfies all the below rules,  
1. It should contain only 10 characters.  
2. It should contain only alphabets(both upper case and lower case) and numbers(0-9). Special characters are not allowed.  
3. The third and fourth characters in the coupon code should be numbers.  
4. The first and last characters of the coupon code should be alphabets(either upper case and lower case).  
Eg: **Qn56bd8T9k** is a valid coupon code  
Since it contains only 10 characters and all are alphabets and numbers only, third and fourth characters are numbers(56) and first & last characters are alphabets(Q and k).  
  
Follow the below rules for checkValidityOfCouponCode method,   
Extract the number of valid days (3 & 4 characters) from coupon code.  Add the number of days with the date at which coupon was bought.  
The coupon code is always valid, while checking the validity of the coupon code(option 2).  
If the computed date is less than 01-01-2018, then the coupon is invalid, else the coupon is still valid.   
  
Assume the current date as January 01 2018 ("01-01-2018")  
  
Eg: The coupon code is **Qn56bd8T9k** and bought date is **12-12-2017**  
From the coupon code, third and fourth characters represent total days of validity for the coupon(56).  
The bought date is 12-12-2017 and it is valid for 56 days from the bought date, So the coupon is valid until 06-02-2018.  
From the problem the current date is 01-01-2018, Since the current date falls before the validity date(06-12-2018) the coupon code is valid.  
  
  
  
Menu:  
1.Validate coupon code  
2.Check validity of coupon code  
  
**Sample Input and Output 1:**  
  
Enter the coupon code:  
**Qn56bd8T9k**  
1.Validate coupon code  
2.Check validity of coupon code  
Enter the choice:  
**1**  
Coupon code validated  
  
**Sample Input and Output 2:**  
  
Enter the coupon code:  
**Qn56bd8T9k**  
1.Validate coupon code  
2.Check validity of coupon code  
Enter the choice:  
**2**  
Enter the bought date:  
**12-12-2017**  
Coupon code is valid  
  
**Sample Input and Output 3:**  
  
Enter the coupon code:  
**Qn56bd8T93**  
1.Validate coupon code  
2.Check validity of coupon code  
Enter the choice:  
**1**  
Coupon code is invalid  
  
**Sample Input and Output 4:**  
  
Enter the coupon code:  
**Qn56bd8T9k**  
1.Validate coupon code  
2.Check validity of coupon code  
Enter the choice:  
**2**  
Enter the bought date:  
**01-10-2017**  
The validity of coupon code is over