

I. validateCvvCode

- Conditions:

#	Parameter	Condition
1.	cvvCode	Contains only digits
		Exactly 3 characters long
		Not null

- Test cases:

#	Test case name	Test data	Expected output
1.	Contains only digits, exactly 3 characters	cvvCode = 933	True
2.	Contains only digits, more than 3 characters	cvvCode = 9334	False
3.	Contains only digits, less than 3 characters	cvvCode = 93	False
4.	Contains digits and letters, exactly 3 characters	cvvCode = 93a	False
5.	Contains digits and letters, less than 3 characters	cvvCode = 9a	False
6.	Contains digits and letters, more than 3 characters	cvvCode = 933a	False
7.	Is null	cvvCode = null	False

II. validateExpiredDate

- Conditions:

#	Parameter	Condition
1.	expiredMonth	Contains only digits
		Exactly 2 characters long
		In between 1 and 12
		Not null
2.	expiredYear	Contains only digits
		Exactly 2 characters long
		Not null

- Test cases:

#	Test case name	Test data	Expected output
1.	Both string contains only digits and 2 characters long, expiredMonth in between 1 and 12	expiredMonth = 11	True
		expiredYear = 25	
2.	Both string contains only digits and 2 characters long but expiredMonth not in between 1 and 12	expiredMonth = 13	False
		expiredYear = 25	
3.	Both string are 2 characters long but expiredMonth also contains letters	expiredMonth = 1a	False
		expiredYear = 25	
4.	Both string are 2 characters long, expiredMonth in between 1 and 12 but expiredYear also contains letters	expiredMonth = 11	False
		expiredYear = 2b	
5.	Both string contains only digits but not 2 characters long	expiredMonth = 113	False
		expiredYear = 265	
6.	Both string contains only digits, expiredMonth in between 1 and 12 but expiredYear not 2 characters long	expiredMonth = 11	False
		expiredYear = 246	

7.	Both string contains only digits and expiredMonth in between 1 and 12 but not 2 characters long	expiredMonth = 6	False
		expiredYear = 26	
8.	Is null	expiredMonth = null	False
		expiredYear = null	