

I. validateBarcode

- Conditions:

#	Parameter	Condition
1.	barcode	Contains only digits
		Exactly 8 characters long
		Not null

- Test cases:

#	Test case name	Test data	Expected output
1.	Contains only digits, exactly 8 characters	barcode = 12345678	True
2.	Contains only digits, more than 8 characters	barcode = 123456789	False
3.	Contains only digits, less than 8 characters	barcode = 1234567	False
4.	Contains digits and letters, exactly 8 characters	barcode = 12ab5678	False
5.	Contains digits and letters, less than 8 characters	barcode = 12ab567	False
6.	Contains digits and letters, more than 8 characters	barcode = 12ab56789	False
7.	Is null	barcode = null	False