**lab21\_Strings\_functions\_4**

**Problem Description:** Planet one, a leading data management group has been given the task

of storing the records of their one lakh employees. The record contains an email id whose

datatype is String. The logic for validation of the email id needs to be written and hence

implement the following class EmailCheck

**EmailCheck**

-emailId:String

+getEmailId():String

+setEmailId(String):void

+main(String[] args):void

The validation rules for the email id check are as follows (**to be implemented in main()**):

Overall Length of the email ID must be greater than 3 and less 20

The email ID must include “@” followed by a minimum of 1 and maximum of 2 “.”

The substring before “@”must contain a combination of Upper case, Lower case and “\_”

symbols.

The first letter of the Email ID must be in Upper Case

If all validations are **valid,**

Display “Email Id is VALID!”

Else,

Display “<Appropriate Error Message>”

“Invalid Length of email Id”

“Invalid Position of Special Characters”

“Invalid Combination for username”

“Invalid Case of First Letter”