1. Given a method with a password in string format as input. Write code to validate the password

using following rules:

- *Must contain at least one digit*

- Must contain at least one of the following special characters @, #, $

# Length should be between 6 to 20 characters.

Include a class UserMainCode with a static method validatePassword which accepts a

password string as input. (10M-12)

1. Write a RegularExpression and validate any string which is of the form:
2. PROxxxxddd
3. FINxxxxddd
4. Testxxxxddd

Where xxxx represents any 4 combination of characters

Where ddd represents any 3 combination of digits

1. Write a regular expression to validate the hexadecimal code of color inhtml

Eg: #FF001234