Date : 06/01/2021
Spring Boot 9AM
Mr. RAGHU

Github:
https://github.com/javabyraghu?tab=repositories

Workspace Link:
https://www.mediafire.com/file/2ecmf83uvo9c4n1/SpringBootWorkspace_060
12021_9AM_JAN_RAGHU.zip/file

Spring Boot - Email Application
(spring-boot-starter-mail)

=> Spring Boot has provided Java Mail API.
=> We should use one Mail Server(Gmail) that works with SMTP Protocol
   SMTP- Simple Mail Trasfer Protocol.

=> Interface: JavaMailSender (I)
   Impl clas: JavaMailSenderImpl (C)

---> Implement below steps
a) Goto Mail server and Login
   (JavaMailSenderImpl object, auto-configured, pass properties)

b) Create one new Message (MimeMessage)
   MIME=Multipurpose Internet Mail Extension
   (any data using Email:text,audio,video,pdf..etc)

   For this use JavaMailSender (createMimeMessage())

c) Fill data into Message (to,subject,text...etc)
   MimeMessageHelper (C) with its set__() method
   setTo(), setSubject()..etc

d) Send Email , using JavaMailSender(send())

*)Note:
Step#a is handled by SpringBoot With Auto-configuration concept
      you just pass only input using application.properties

Step#b,c,d for this you define one class#method and write logic.

Q) Are we going to send email every time with attachment or with out?
A) It depends on your requirement. Some times yes and some times no.
  Conditional based:
       resource!=null?true:false

  true indicates allocate memory for attachments
  false indicates do not support attachments.

Q) below given expressions meaning same or different?
  int a,b;

```
  a=10,b=20;

 boolean exp1 = a>b ? true:false ;
 boolean exp2 = a>b ;         (short format, > is boolean operator)

A) yes, they are same.
----------------------------------------------------------------
For Free Accounts:
> Goto Gmail
> Click on Top Right corner symbol
> manage your google accounts
> Security
> Enable less secure apps
> Turn on Less secure apps
> Enable (OFF to ON)
----------------------------------------------------------------
```