

## SpringBoot Email Service Spring Boot

### EmailService.java

```
package org.studyeasy.SpringBlog.services;

import org.springframework.beans.factory.annotation.Autowired;
import org.springframework.beans.factory.annotation.Value;
import org.springframework.mail.SimpleMailMessage;
import org.springframework.mail.javamail.JavaMailSender;
import org.springframework.stereotype.Service;
import org.studyeasy.SpringBlog.util.email.emailDetails;

@Service
public class EmailService {

    @Autowired
    private JavaMailSender javaMailSender;

    @Value("${spring.mail.username}")
    private String sender;

    public Boolean sendSimpleEmail(emailDetails emailDetails){
        try{
            SimpleMailMessage mailMessage = new SimpleMailMessage();
            mailMessage.setFrom(sender);
            mailMessage.setTo(emailDetails.getRecipient());
            mailMessage.setText(emailDetails.getMsgBody());
            mailMessage.setSubject(emailDetails.getSubject());

            javaMailSender.send(mailMessage);

            return true;
        }
        catch(Exception e){
            return false;
        }
    }
}
```

### Update emailDetails.java

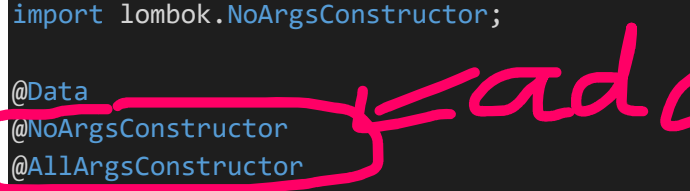
```
package org.studyeasy.SpringBlog.util.email;

import lombok.AllArgsConstructor;
import lombok.Data;
import lombok.NoArgsConstructor;

@Data
@NoArgsConstructor
@AllArgsConstructor
public class emailDetails {

    private String recipient;
    private String msgBody;
    private String subject;

}
```



### In AccountController -> add below code

```
@Autowired
private EmailService emailService;
```

### Updated Value – in AppConfig.java -> To fix the error

```
@Value("${mail.transport.protocol}")
private String mail_transport_protocol;
```

### change to

```
@Value("${spring.mail.transport.protocol}")
private String mail_transport_protocol;
```

## Add this code in SeedData.java

```
//Extra Added from me
account05.setEmail("testemailmj2024@gmail.com");
account05.setPassword("testemail2024_$");
account05.setFirstname("Test");
account05.setLastname("Demo Email send");
account05.setRole(Roles.ADMIN.getRole());
account05.setAge(40);
account05.setDate_of_birth(LocalDate.parse("1973-08-01"));
account05.setGender("Male");
```

## Output

After sent it will show up like this.

