**package** com.packt.cookbook;  
  
  
**import** com.icegreen.greenmail.util.GreenMail;  
**import** com.icegreen.greenmail.util.ServerSetup;  
  
**import** javax.mail.Message;  
**import** javax.mail.MessagingException;  
**import** javax.mail.Session;  
**import** javax.mail.Transport;  
**import** javax.mail.internet.InternetAddress;  
**import** javax.mail.internet.MimeMessage;  
**import** java.io.IOException;  
**import** java.util.Properties;  
  
**import static** java.nio.file.Paths.\*;  
  
*/\*\*  
 \*  
 \*  
 \*/***public class** App {  
  
  
 **public static void** main(String[] args) {  
  
 ServerSetup setup = **new** ServerSetup(3025, **"localhost"**, **"smtp"**);  
 setup.setServerStartupTimeout(20000);  
 GreenMail greenMail = **new** GreenMail(setup);  
 greenMail.setUser(**"from@user.com"**, **"nadja"**, **"ajdan"**);  
 greenMail.start();  
  
 Properties properties = System.*getProperties*();  
 properties.put(**"mail.smtp.host"**, **"localhost"**);  
 properties.put(**"mail.smtp.port"**, **"3025"**);  
 properties.put(**"mail.transport.protocol"**, **"smtp"**);  
  
 Session session = Session.*getInstance*(properties);  
 MimeMessage message = **new** MimeMessage(session);  
 **try** {  
 message.setSubject(**"subject"**);  
 message.setText(**"text"**);  
 message.setFrom(**new** InternetAddress(**"from@user.com"**));  
 message.setRecipients(Message.RecipientType.***TO***, InternetAddress.*parse*(**"to@user.com"**));  
 Transport.*send*(message);  
 } **catch** (MessagingException e) {  
 e.printStackTrace();  
 }  
  
 greenMail.waitForIncomingEmail(5000, 1);  
 Message[] messages = greenMail.getReceivedMessages();  
 System.***out***.println(**"Message length: "** + messages.**length**);  
 **try** {  
 System.***out***.println(**"Subject: "** + messages[0].getSubject());  
 } **catch** (MessagingException e) {  
 e.printStackTrace();  
 }  
 **try** {  
 System.***out***.println(**"Content: "** + messages[0].getContent());  
 } **catch** (IOException e) {  
 e.printStackTrace();  
 } **catch** (MessagingException e) {  
 e.printStackTrace();  
 }  
 System.***out***.println(**"Done"**);  
 greenMail.stop();  
  
 }  
}