```
MessagingException, ClassNotFoundException {
        BirthdayWish.birthdayWish(recipientsList, date);
        Scanner scanner = new Scanner(System.in);
            RecipientsFactory recipientsFactory = new RecipientsFactory();
                    Scanner scanner1 = new Scanner(System.in);
                    String[] recipientType = inputDetails.split(":");
```

```
recipientsFactory.createRecipient(recipientType[0].strip());
                    BirthdayWish.birthdayWish(recipientsList, date);
                    String sendEmail = scanner2.nextLine();
                    Scanner scanner4 = new Scanner(System.in);
                    String dateToday = scanner4.nextLine();
                    EmailDetails.findEmailDetail(emailList, date);
```

```
class FileWrite{
   public static void writeToFile(String my file name, String write) throws
        FileWriter fileWriter = new FileWriter(my file name, true);
        file.close();
        fileWriter.close();
   public static void readFromFile (ArrayList<Recipients> recipients, String
                String[] recipientType = line.split(":");
               recipientsFactory.list = recipientType[1].split(",");
recipientsFactory.createRecipient(recipientType[0].strip());
           e.printStackTrace();
   public static void birthdayWish(ArrayList<Recipients> recipients,
            if(recipient instanceof Office friend ) {
```

```
(month and date of OfficeFriend[2].equals(month and Date Today[2]));
                    Office friend office friend = ((Office friend)
                    String name = office friend.name;
                        EmailSending.sendMail(emailAddress, subject, content);
(month and date of Personal[1].equals(month and Date Today[1]));
                    if (CheckEmailObjects.checkEmailObj (emailObj,
                        EmailSending.sendMail(emailAddress, subject, content);
class ByteFile {
   public static void serialize(ArrayList<Email> List, String file name)
       ObjectOutputStream file = new ObjectOutputStream(fileOutputStream);
```

```
file.close();
        fileOutputStream.close();
   public static ArrayList<Email> deSerialiaze(String file name) throws
IOException, ClassNotFoundException {
            file.close();
            fileInputStream.close();
 lass CheckEmailObjects {
emailList) {
        emailList.add(email);
        Properties props = new Properties();
```

```
String password = "fmexbdfjccjzyxmf";
        protected PasswordAuthentication getPasswordAuthentication() {
public static Message prepareMessage (Session session, String
        msq.setSubject(subject);
Official (String name, String email, String designation) throws
     this.email = email;
```

```
Personal (String name, String nickname, String email, String birthday)
       String name = list[0].strip();
```

```
Recipients recipient = new Personal (name, nickname, email,
    public static void printDetails(Email email) {
email.content);
    public static void printRecipientsWithBirthdays(ArrayList<Recipients>
Birthday[2].equals(date[2])){
birthday\n", office friend.name);
                        haveBirthday = true;
                    Personal personal = (Personal) recipients;
                        haveBirthday = true;
        if (!haveBirthday) {
```