Declare a string variable password

Declare a boolean variable hasDigit

Declare a boolean variable hasUppercase

Declare a boolean variable hasLowercase

Declare an arraylist illegalPassword

Create a function isValidPassword with argument passwordstring

password=passwordstring

If password length is less than 8

Throw length exception message

If string doesn’t contain digit

Set hasDigit to false

Repeat for password length times

Set ch to charAt(i)

If ch is digit

Set hasDigit to true

If hasDigit is false

Throw no digit found exception

If string doesn’t contain upper case letter

Set hasUppercase to false

Throw no upper case exception

If string doesn’t contain lower case letter

Set hasLowercase to false

Throw no lower case exception

If password has digit ,lowercase and uppercase

Repeat for password length times

If charAt(i)== charAt(i+1) and charAt(i)==charAt(i+2)

Throw invalid sequence exception

Return true

Create function ValidPassword with argument password as arraylist

Set illegalPassword to object of arraylist

Declare a string variable errorMessage

Set errorMessage to null

Repeat for password length times

Try

isValidPassword(password.get(i))

Catch (lengthException e)

Set errorMessage to password.get(i)+”length error message”

illegalPassword.add(errorMessage)

Catch (noDigitException e)

Set errorMessage to password.get(i)+”digit error message”

illegalPassword.add(errorMessage)

Catch (noUpperException e)

Set errorMessage to password.get(i)+”upper case error message”

illegalPassword.add(errorMessage)

Catch (noLowerException e)

Set errorMessage to password.get(i)+”upper case error message”

illegalPassword.add(errorMessage)

Catch (invalidSequenceException e)

Set errorMessage to password.get(i)+”invalid sequence error message”

illegalPassword.add(errorMessage)

Return illegalPassword