

Mail Automation using python



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Pre-requisites:

You must have the following text files with following details

i)client.txt - This text file must contain the username and the mail of the clients.

ii)cc.txt – This must contain the details of the username and the mail of the people whom we want to send the carbon copy.

iii)message.txt – This contains the message template used for the report.

iv)eventt.txt – This contains the message template used for the events

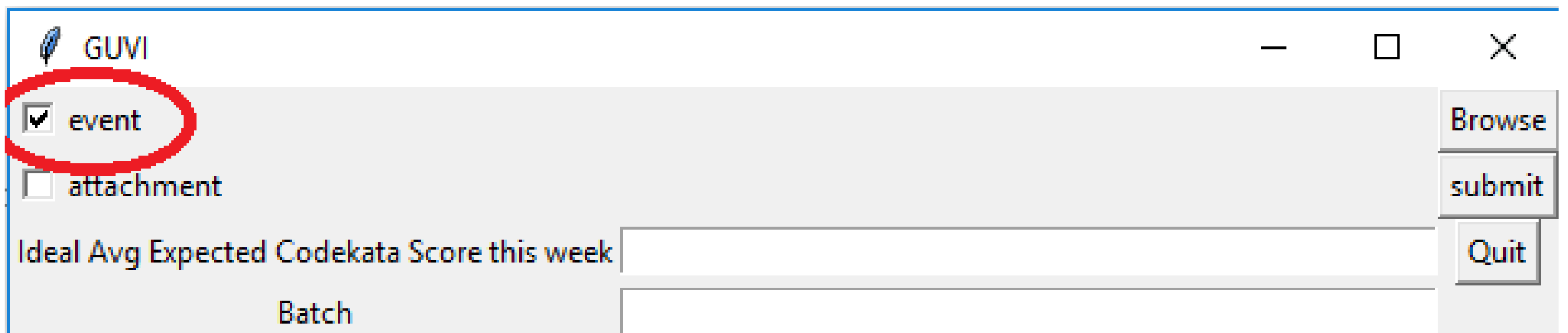
v) Select the google and make sure you give access for less secure apps

Packages used:

- smtplib
- tkinter
- string
- datetime
- email-to
- pandas
- numpy
- statistics

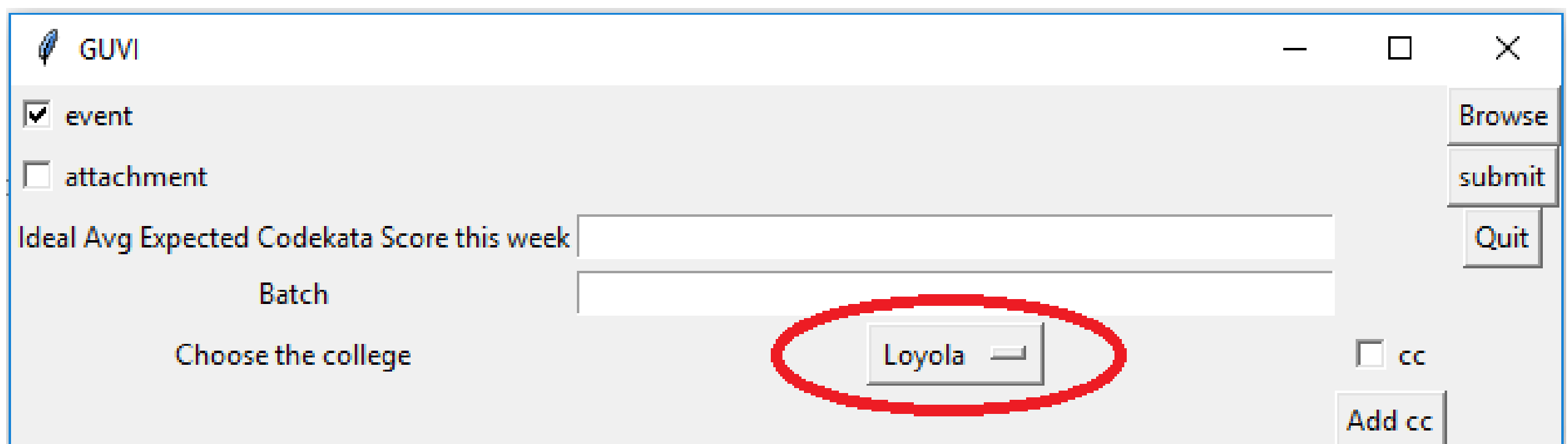
Steps to send only event message

- Run the mail automation v9.0.py.
- Check the event check box.



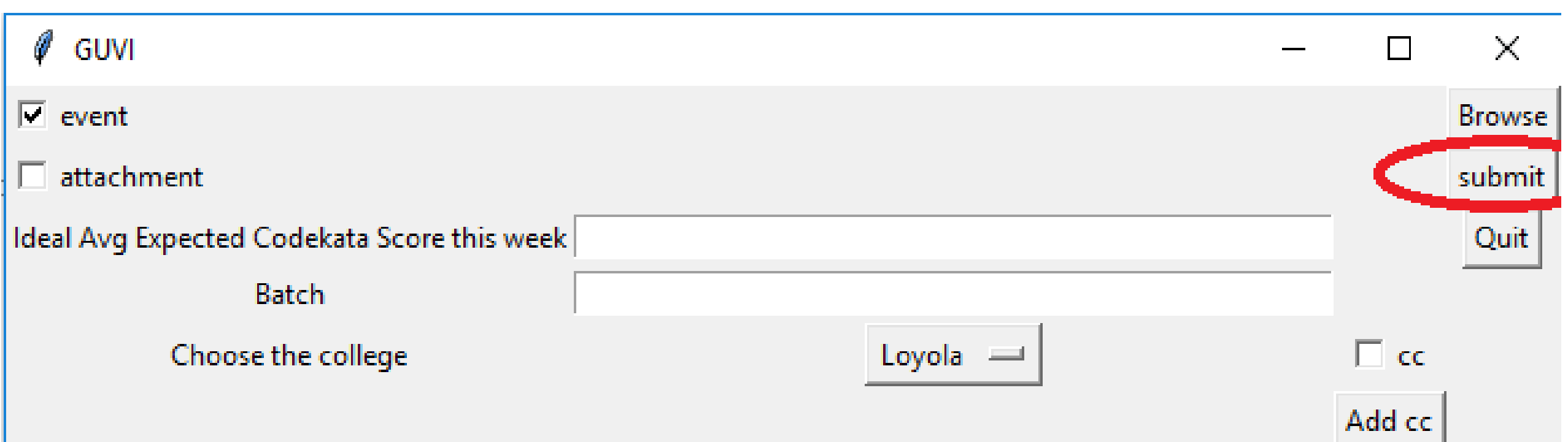
The screenshot shows the GUVI mail automation interface. The 'event' checkbox is selected and circled in red. The 'attachment' checkbox is unselected. There are input fields for 'Ideal Avg Expected Codekata Score this week' and 'Batch'. On the right side, there are buttons for 'Browse', 'submit', and 'Quit'.

- Click on the submit button and select the client



The screenshot shows the GUVI mail automation interface. The 'event' checkbox is selected. The 'Loyola' client is selected from the dropdown menu, which is circled in red. The 'Batch' field is empty. On the right side, there are buttons for 'Browse', 'submit', and 'Quit'. There is also a 'cc' checkbox and an 'Add cc' button.

- Finally, click on the submit button again to send the mail.

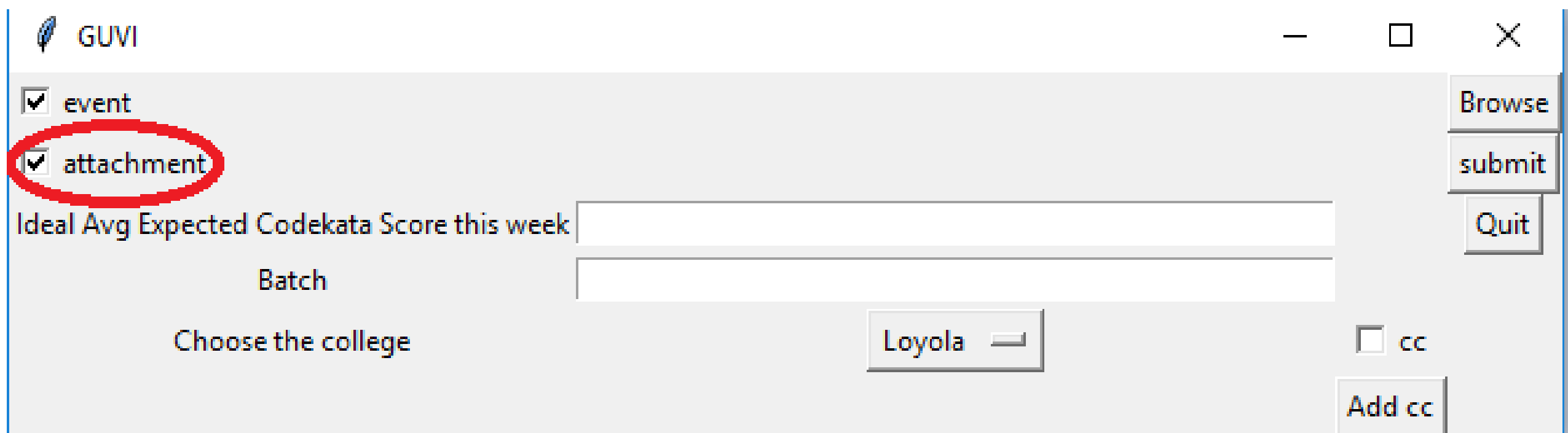


The screenshot shows the GUVI mail automation interface. The 'event' checkbox is selected. The 'Loyola' client is selected from the dropdown menu. The 'submit' button is circled in red. The 'Batch' field is empty. On the right side, there are buttons for 'Browse', 'submit', and 'Quit'. There is also a 'cc' checkbox and an 'Add cc' button.

- Click the quit button to close the UI.


Steps to send the event message with attachments.

i) Repeat the above steps. In addition, don't forget to check the attachment.



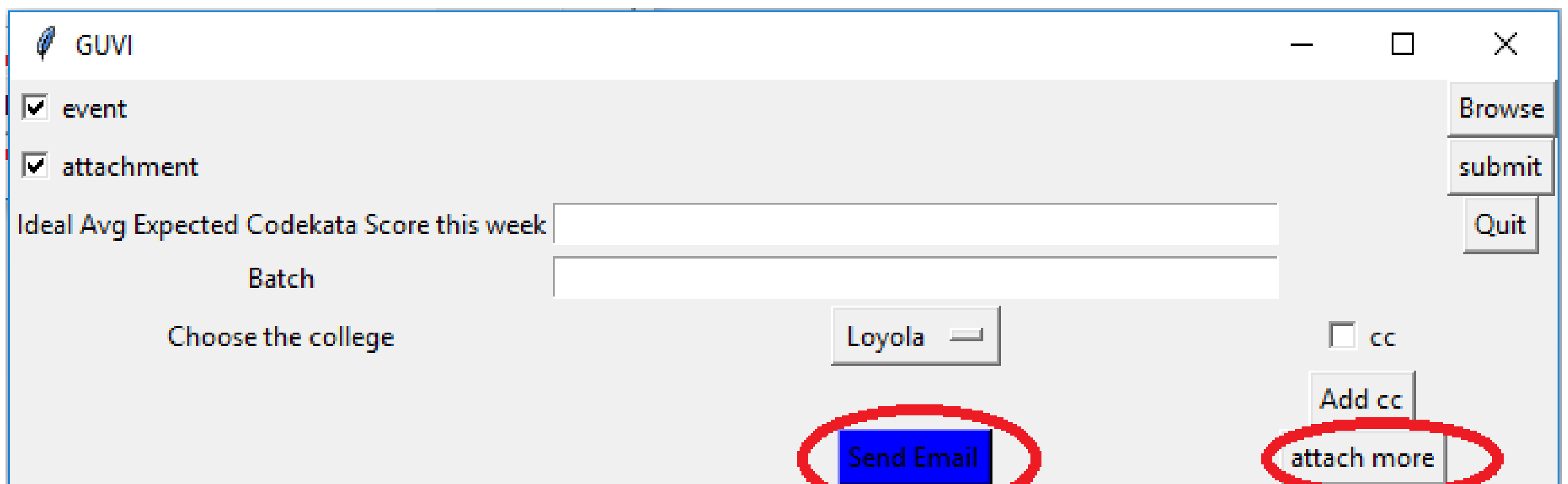
The screenshot shows a web form titled "GUVI". On the left, there are two checkboxes: "event" and "attachment". The "attachment" checkbox is checked and circled in red. To the right of these checkboxes are three buttons: "Browse", "submit", and "Quit". Below the checkboxes, there are two input fields: "Ideal Avg Expected Codekata Score this week" and "Batch". Below the "Batch" field is a dropdown menu labeled "Choose the college" with "Loyola" selected. To the right of the dropdown menu are two checkboxes: "cc" and "Add cc".

ii) Click submit thereby you could add a file to your mail.



The screenshot shows the same web form as before. The "event" and "attachment" checkboxes are both checked. The "submit" button is circled in red. The "Batch" dropdown menu is also circled in red and shows "Loyola" as the selected option. Below the "Batch" dropdown menu is a blue button labeled "Send Email". To the right of the "Batch" dropdown menu are two checkboxes: "cc" and "Add cc". Below the "Add cc" checkbox is a button labeled "attach more".

iii) Click the attach more button if you need further attachment.



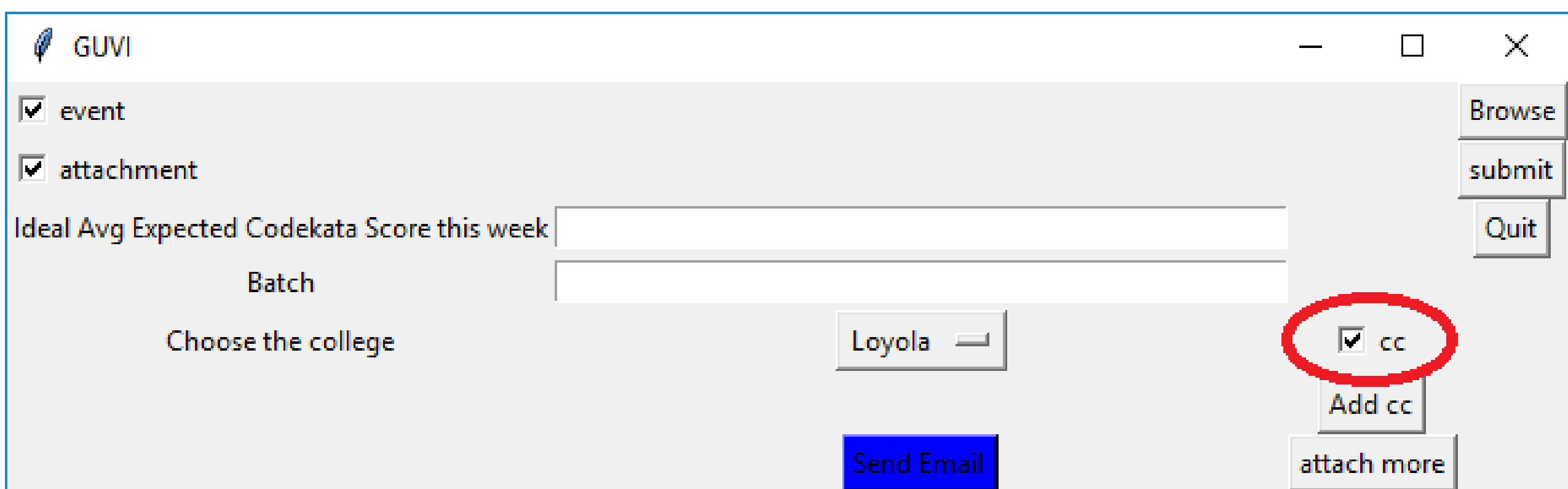
The screenshot shows the GUVI application window with the following elements:

- Window title: GUVI
- Form fields:
 - ☒ event
 - ☒ attachment
 - Ideal Avg Expected Codekata Score this week:
 - Batch:
 - Choose the college:
- Buttons on the right: Browse, submit, Quit
- Buttons at the bottom: **Send Email** (highlighted with a red circle), **attach more** (highlighted with a red circle)
- Other controls: ☐ cc, Add cc

iv) At last, click on the send mail option to send your mail

Steps to send the event message with attachments and cc

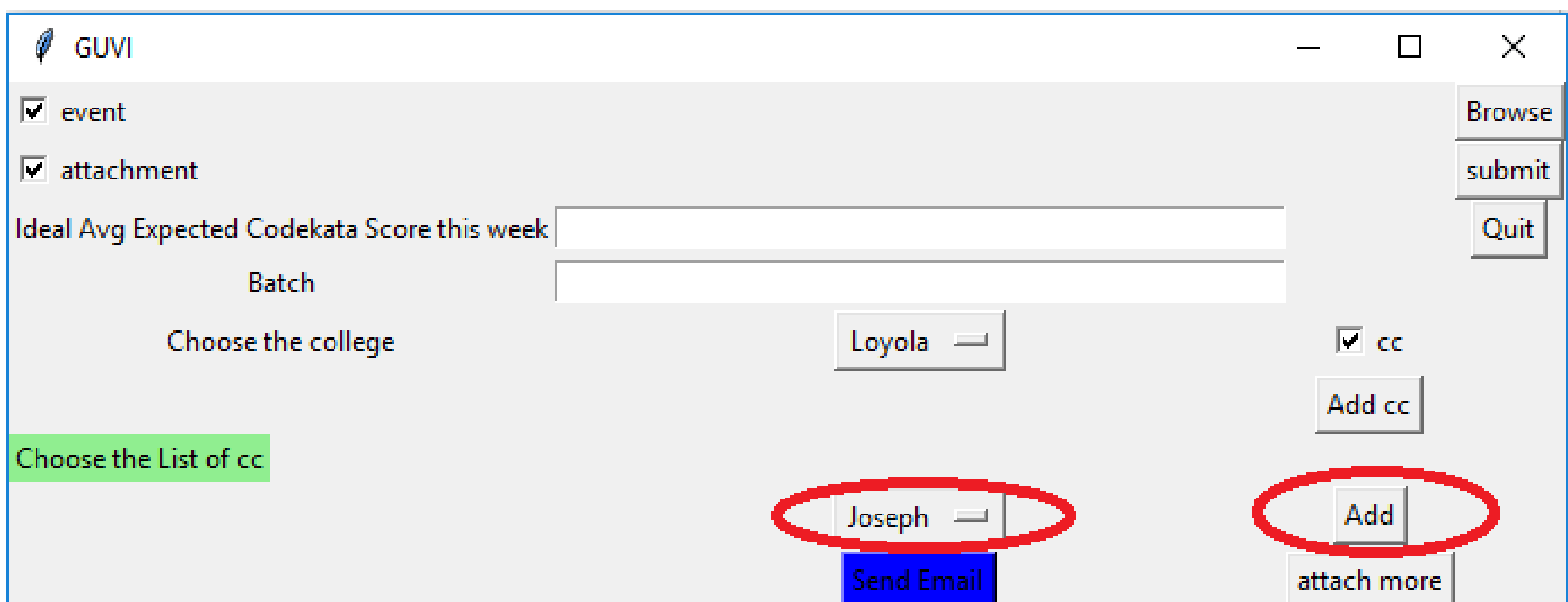
i) Repeat the same step. In addition check the cc check box and click add cc button.



The screenshot shows the GUVI interface with the following elements:

- Top bar: GUVI logo and window controls.
- Left sidebar: ☒ event, ☒ attachment.
- Main area:
Ideal Avg Expected Codekata Score this week: [text input]
Batch: [text input]
Choose the college: Loyola [dropdown]
[Send Email] button
- Right sidebar:
Browse, submit, Quit buttons
☒ cc (circled in red)
Add cc button
attach more button

ii) Select the client and don't forget to click the add button.



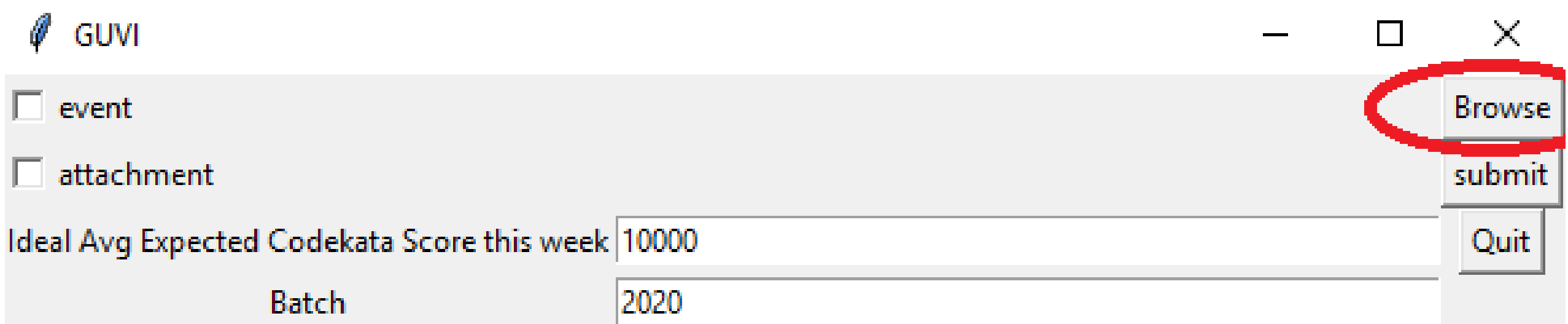
The screenshot shows the GUVI interface with the following elements:

- Top bar: GUVI logo and window controls.
- Left sidebar: ☒ event, ☒ attachment.
- Main area:
Ideal Avg Expected Codekata Score this week: [text input]
Batch: [text input]
Choose the college: Loyola [dropdown]
Choose the List of cc: [text input]
Joseph [dropdown] (circled in red)
[Send Email] button
- Right sidebar:
Browse, submit, Quit buttons
☒ cc
Add cc button
Add button (circled in red)
attach more button

iii) Finally click the send button.

Steps to send the report.

- i) Make sure you haven't checked any of the check box.
- ii) Enter the values in the text box.
- iii) Click on the browse button.



GUVI

☐ event

☐ attachment

Ideal Avg Expected Codekata Score this week: 10000

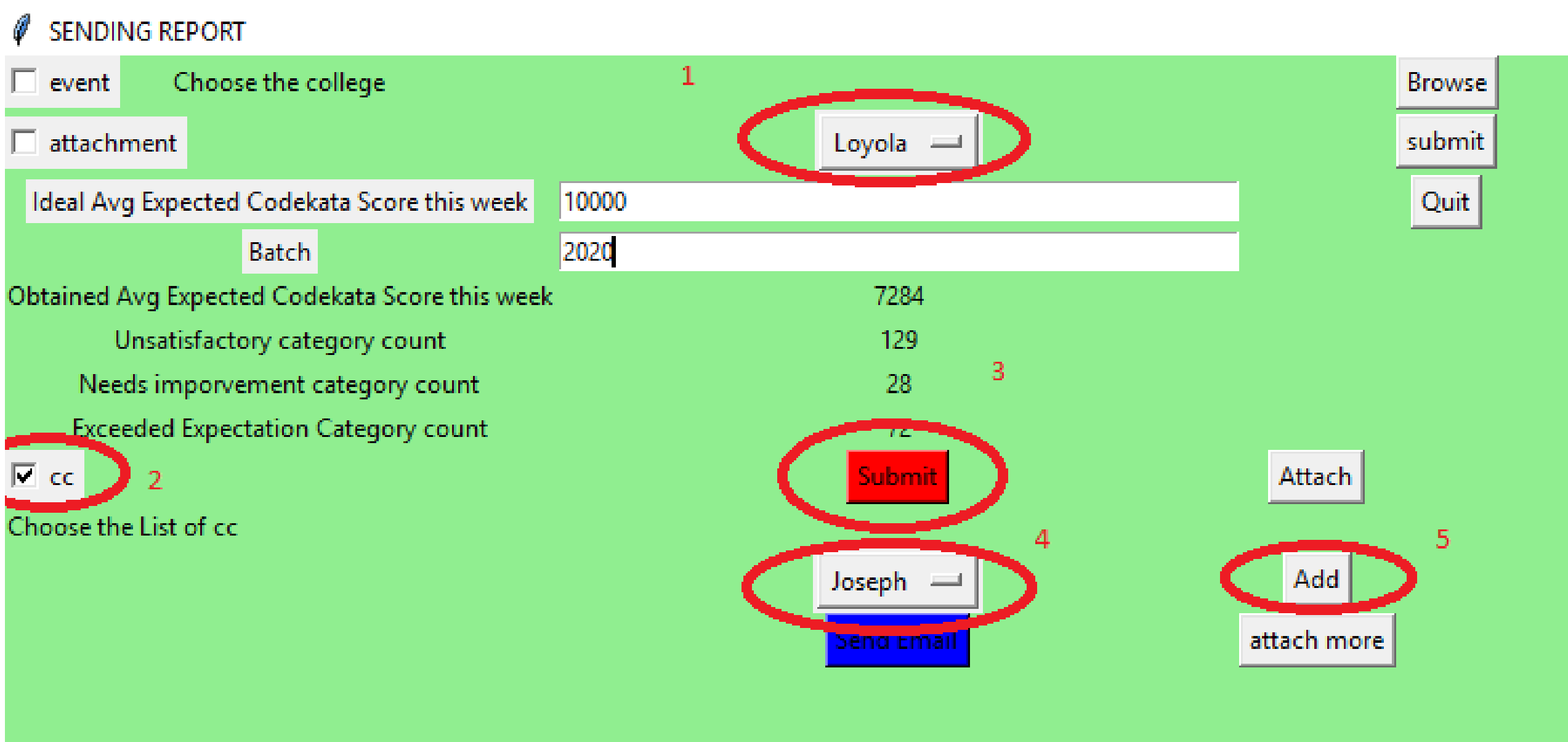
Batch: 2020

Browse

submit

Quit

- iv) This leads to the directory of the mail which automatically fetches the count and generated in the report space.



SENDING REPORT

☐ event Choose the college 1

☐ attachment

Ideal Avg Expected Codekata Score this week: 10000

Batch: 2020

Obtained Avg Expected Codekata Score this week: 7284

Unsatisfactory category count: 129

Needs improvement category count: 28 3

Exceeded Expectation Category count: 72

☒ cc 2

Choose the List of cc

Submit

Joseph 4


Send Email

Attach

Add 5

attach more

v) Follow the same step for adding the cc list and the attachment as said above.

 SENDING REPORT

☐ event Choose the college Browse

☐ attachment submit

Quit

Ideal Avg Expected Codekata Score this week

Batch

Obtained Avg Expected Codekata Score this week	7284
Unsatisfactory category count	129
Needs improvement category count	28
Exceeded Expectation Category count	72

☒ cc 1

Choose the List of cc Submit

Attach

Add 2

attach more

3

Send Email

vi) Finally click the send mail button.