

G1ANT RPA INTERNSHIP 2020



PROJECT: TRAVEL ARRANGEMENT

WEBSITES USED : WWW.GOIBIBO.COM,

WWW.MAKEMYTRIP.COM

SOFTWARE : VISUAL STUDIO, G1ANT RPA

PROJECT CONTRIBUTORS

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ASIA PACIFIC COMMUNITY LEAD

TRAVEL ARRANGEMENT

Description

With most business trips, at least a portion of the time that is spent at the destination will be thoroughly scheduled. For example, a traveller may be attending a conference or convention, or he or she may have numerous meetings with different people across town planned. Everything from the location of the hotel to the flight times that are selected should be based around the schedule, so it is important to develop this schedule before making travel arrangements. The process of the code is to simulate a real-time process automation strategy in supporting Tour & Travel Arrangement. In this project we developed code using selenium commands, google docs commands. This code is made for www.Goibibo.com, www.MakeMyTrip.com. We also created an add-on for Goibibo.com for complete automation of the site using Visual Studio 19 and G1ant SDK. In this coding we have made it easier for the people to books ticket from any means of transport so that they will be easily do it.

Google sheet link:-

In this sheet we are going to store the data of the candidate who is travelling.

https://docs.google.com/spreadsheets/d/1uwr_5CkxrrhCPEMzJl18HL1WQH6M6H6Vn2s9ob_CDEY/edit?usp=sharing

Spreadsheet ID:-**1uwr_5CkxrrhCPEMzJl18HL1WQH6Vn2s9ob_CDEY**

Argument	Type	Required	Default Value	Description
type	Text	Yes		Enter the default browser for opening the webpage [Chrome, Firefox]

email	Text	Yes		Enter the operator's email here
pword	Text	Yes		Enter the operator's password here
to	Text	Yes		Enter the email of the user to whom the message is to be sent
subject	Text	Yes		Enter the title of the message
message	Text	Yes		Draft your email

Id	Text	Yes		Opens up the required google spreadsheet with the required id for performing operations
result	Text	No	♥result	Name of a variable where the command's result will be stored
if	Bool	No	true	Executes the command if the expected condition is true

timeout	Timespan	No	♥ timeoutcommand	Specifies time in milliseconds for G1ANT.Robot to wait for the command to be executed
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errorcall	Procedure	No		Name of the procedure to be called if an exception is called or timeout has occurred
errorjump	label	No		Name of the label to jump to when the command throws an exception or when a given timeout expires
errormessage	Text	No		Message to be shown if an error occurs or timeout exceeds
errorresult	Variable	No		Name of a variable that will store the returned exception. The
				variable will be of error structure
search	Text	Yes		Indicate the program to search with the necessity arguments (xpath, id, class, etc...)

by	Text	Yes		Gives the program a mode to look for the id for the desired search option
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Operating Procedure of G1ant tour and travel:

The below mentioned steps indicate the standard protocol for which the program runs:

- The operator first sends a mail to the customer requesting for their choices about travel arrangement. The responses are collected on a google form which is linked with an inbuilt google doc's spreadsheet. This spreadsheet will be the source of parsing in the values to the robot.
- When they will fill the Google form we will transfer that data into the excel sheet.
- Through that sheet we can access the data.
- Then using that data the bot will book the ticket with nessary payment.
- For the detected platform, the robot starts with performing all the pre-requisite operations starting entire process starting from asking customers about their requirements, booking a cab, booking convenient travel options making payment, and sending confirmation to the customers.
- The cycle then periodically repeats itself to traverse through the google form for the entire day. In order to reduce complexity, once the process is completed, the google spreadsheet will close to erase previous data and creates a new spreadsheet to begin a new process
- In case of a failure in the internet connection, the delay period mentioned would take care of any unnecessary interruptions during the execution process ensuring simplicity.

GOOGLE DOCUMENT WHICH WILL COLLECT THE DATA OF CUSTOMER AND THEN PASS THIS DATA TO ROBOT

G1ANT Tours and Travels

We are a group of students who intend to book the perfect destination at relatively cheap rates. So what are you waiting for? Hop on and get your dream trip done at affordable rates. Please note that the entire process takes around 6 to 8 working hours. Kindly wait until then!

*** Required**

Name of the Customer *

Your answer

Phone Number (Needed for calling the person after confirmation) *

Your answer

Mention the departure *

Your answer

Mention the date of travel (dd/mm/yy) *

Your answer

Mode of travel

- ☐ Bus
- ☐ Flight
- ☐ Train

Mention any other specifications like hotel booking date, taxi requirements with date and time. *

Your answer

Mention the name of the People accompanying you on this trip with their age. *

Your answer

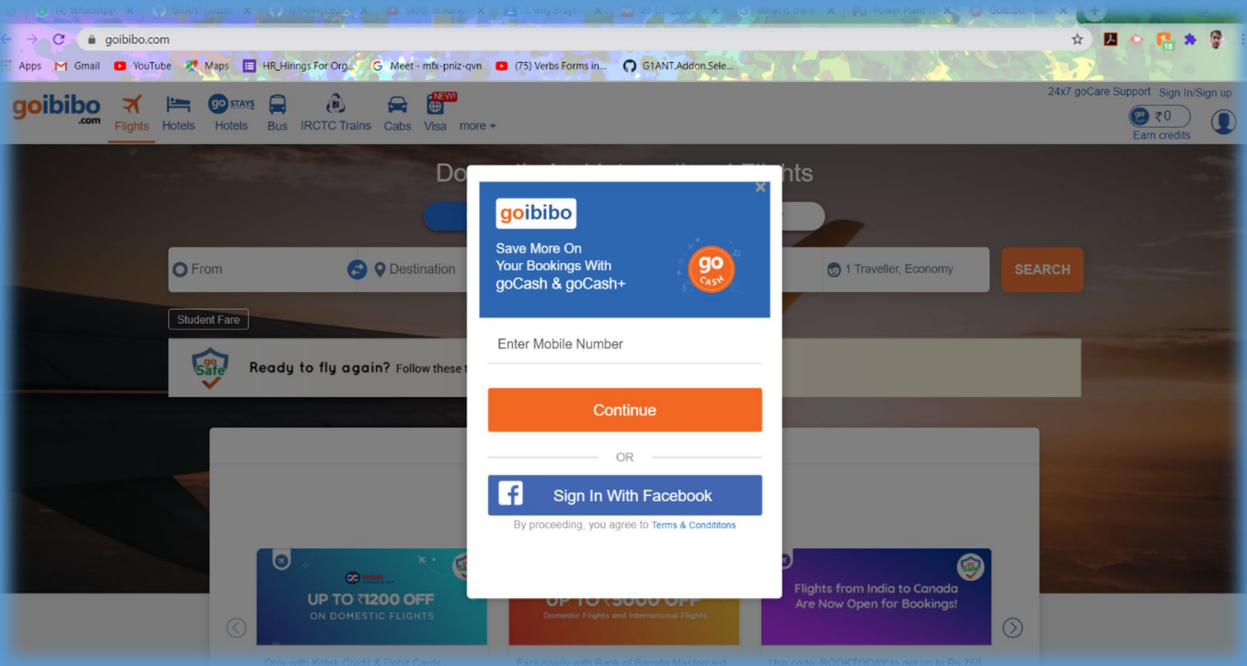
Any requirements from your side? If nothing, please mark NA *

Your answer

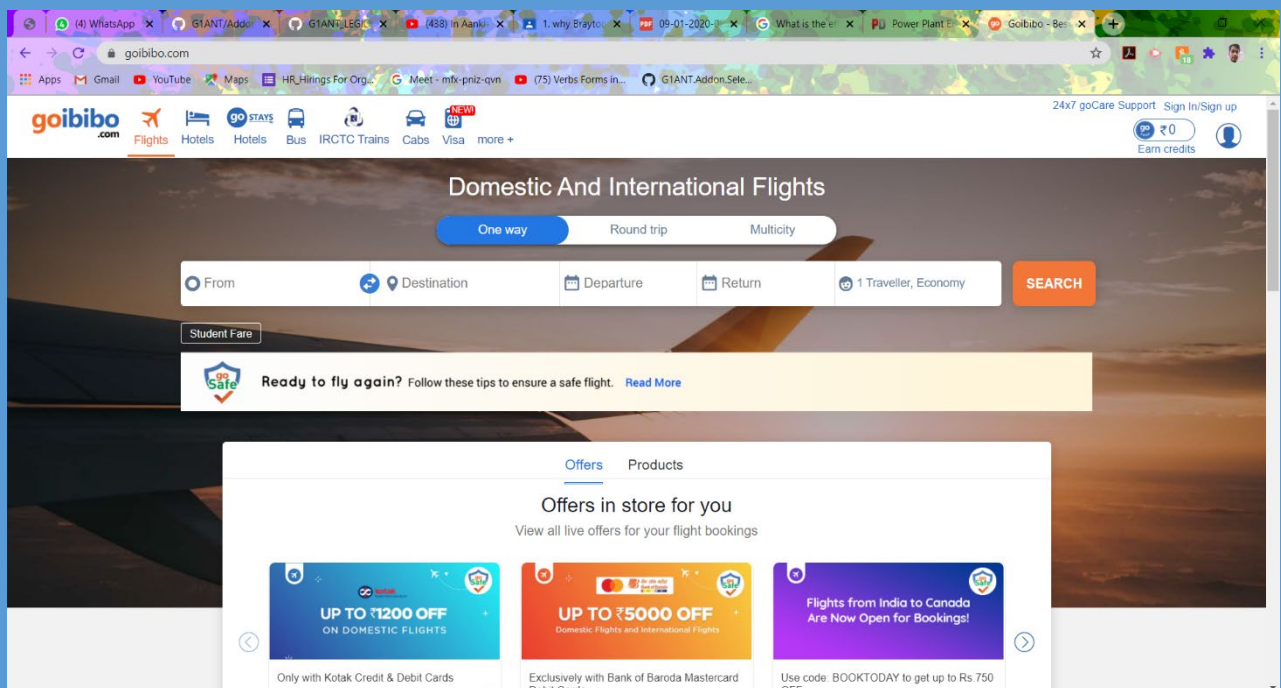
Your specifications (Note: Rates vary for different packages) *

☐ Simple Package - Includes only one mode of travel. At max two but does not include

GOIBIBO LOGIN



1. FLIGHT BOOKING



CODE IS AS FOLLOWS:

addon python version 4.1.0.0

addon appium version 4.105.0.0

addon xlsx version 4.104.0.0

addon selenium version 4.104.0.0

addon net version 4.104.0.0

addon core version 4.107.0.0

addon Goibibo version 4.106.1.0

Goibibo.open chrome url goibibo.com

delay 10

window *Google* style maximize

delay 10

Goibibo.click search get_sign_in by id

delay 2

Goibibo.click search form-control by id

♥Mobailnumber = ♥credential[[Goibibo:Mobailnumber]]

Goibibo.type ♥Mobailnumber search mobileSubmitBtn by id

delay 5

Goibibo.click search mobileSubmitBtn by id

Goibibo.waitforvalue ""return

document.getElementsByClassName(inputSrch).length >0""

expectedvalue true

-Enter the code send on mobaile

Goibibo.click search //*[@id="authOtpSubmitBtn"] by xpath

delay 5

-Search for flight

Goibibo.click search //*[@id="header"]/div[1]/ul/li[1]/a/span by
xpath

Goibibo.waitforvalue ""return
document.getElementsByClassName(inputSrch).length >0""
expectedvalue true

♥path = ""♥environment[USERPROFILE]\Desktop\Date of
flight\flight.xlsx""

⌵

System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryNa
me(♥path));

⌵

xlsx.open ♥path createifnotexist true

♥header = From■Destination■Departure■Return■Travellernoumber

call FileExcel list ♥header

Goibibo.runscript ""return
document.getElementsByClassName(inputSrch).length""
♥websiteRecordNumber

♥websiteRecordNumber = [[integer]]♥websiteRecordNumber

♥i = 1

♥excelRowNumber = 1

while ⊆♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15⊃

Goibibo.gettext search //*[@id="gosuggest_inputSrc"] by xpath
result ♥from

Goibibo.gettext search //*[@id="gosuggest_inputDest"] by xpath
result ♥destination

if⊆!♥from.contain("N>A") && !♥destination.contain("N>A")⊃

♥from = [[float]]♥from

♥destination = [[float]]♥destination

if⊆♥from >3 && ♥destination >30⊃

Goibibo.gettext search //*[@id="departureCalendar"] by xpath result
♥Departure

list.create

""♥excelRowNumber♥from♥destination♥Departure⊆{♥from*0.05
+♥destination}⊃"" type text result ♥rowvalue

call FillExcel rownumber⊆♥excelRowNumber+1⊃ list ♥rowvalue

end if

end if

♥i = ♥i + 1

end while

xlsx.close

Goibibo.close

procedure FillExcel rownumber 1 list [[list:text]]a||b||c

for ♥j from 1 to <♥list.count>

xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j

end for

end procedure

Goibibo.click //*[@id="gi_search_btn"] by xpath

Goibibo.waitforvalue ""return

document.getElementsByClassName(//*[@id="content"]/div/div[2]/div/div[2]/div[2]/div[2]/div[2]/div[1]/div/div[2]/span[2]/span/input).length > 0"" expectedvalue true

Goibibo.click

//*[@id="content"]/div/div[2]/div/div[2]/div[2]/div[2]/div[2]/div[1]/div/div[2]/span[2]/span/input by xpath

```

♥path =
""♥environment[["USERPROFILE"]]\Desktop\travel\TravellData.xlsx""

⊂

System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryNa
me(♥path));

⊃

xlsx.open ♥path createifnotexist true

♥header = name■title■email■mobailnumber

call FileExcel list ♥header

Goibibo.runscript ""return
document.getElementsByClassName(inputSrch).length""
♥websiteRecordNumber

♥websiteRecordNumber = [[integer]]♥websiteRecordNumber

♥i = 1

♥excelRowNumber = 1

while ⊂♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15⊃
Goibibo.gettext search //*[@id="AdultfirstName1"] by xpath result
♥name

```

```
Goibibo.gettext search //*[@id="AdultlastName1"] result ♥title
```

```
if<♥name.contain("'"N>A'"') && !♥title.contain("'"N>A'"')>
```

```
♥name = [[float]]♥name
```

```
♥title = [[float]]♥title
```

```
if<♥name>3 && ♥title >30>
```

```
Goibibo.gettext search //*[@id="email"] by xpath result ♥Email
```

```
list.create
```

```
""♥excelRowNumber♥name|♥title|♥Email|<{♥from*0.05+♥destination}>"" type text result ♥rowvalue
```

```
call FillExcel rownumber<♥excelRowNumber+1> list ♥rowvalue
```

```
end if
```

```
end if
```

```
♥i = ♥i + 1
```

```
end while
```

```
xlsx.close
```

```
Goibibo.close
```

```
procedure FillExcel rownumber 1 list [[list:text]]a|b|c
```

```
for ♥j from 1 to <♥list.count>
```

```
xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j
```

end for

end procedure

Goibibo.click //*[@id="travellerForm"]/div[2]/button/div by xpath

list.create text ♥path result ♥attachments

mail.smtp host ♥credential[[mail:host]] login

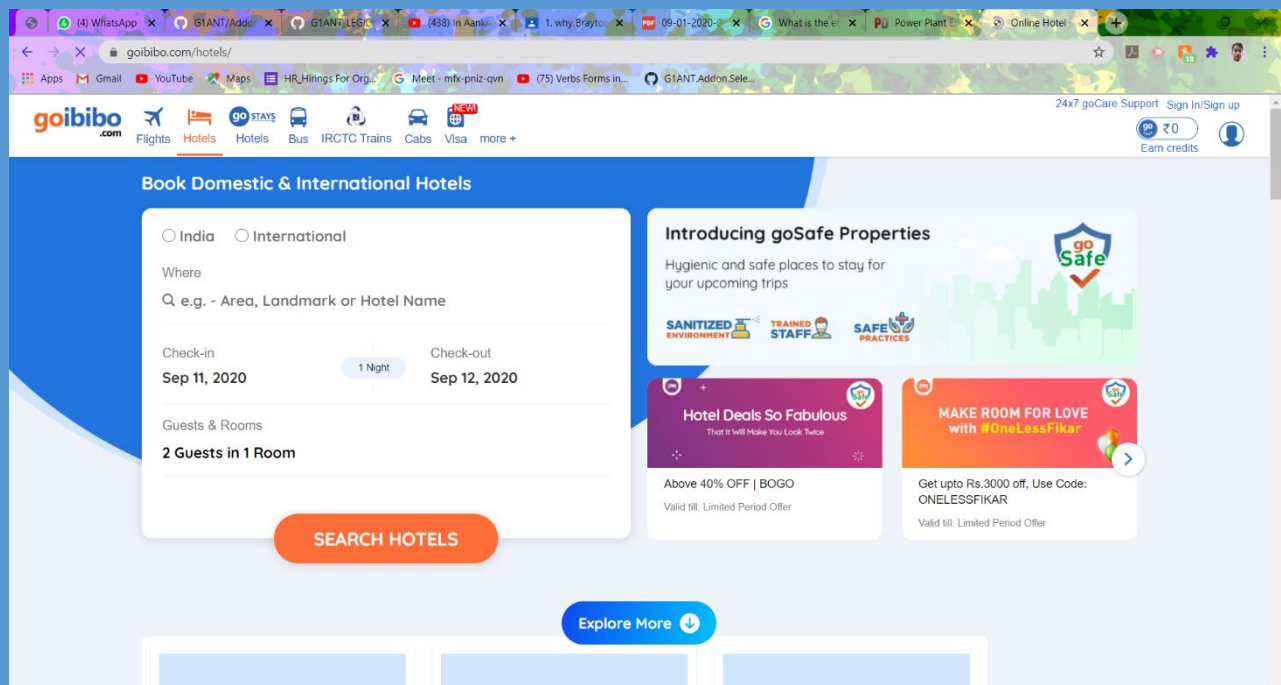
♥credential[[mail:address]] password ♥credential[[mail:password]]

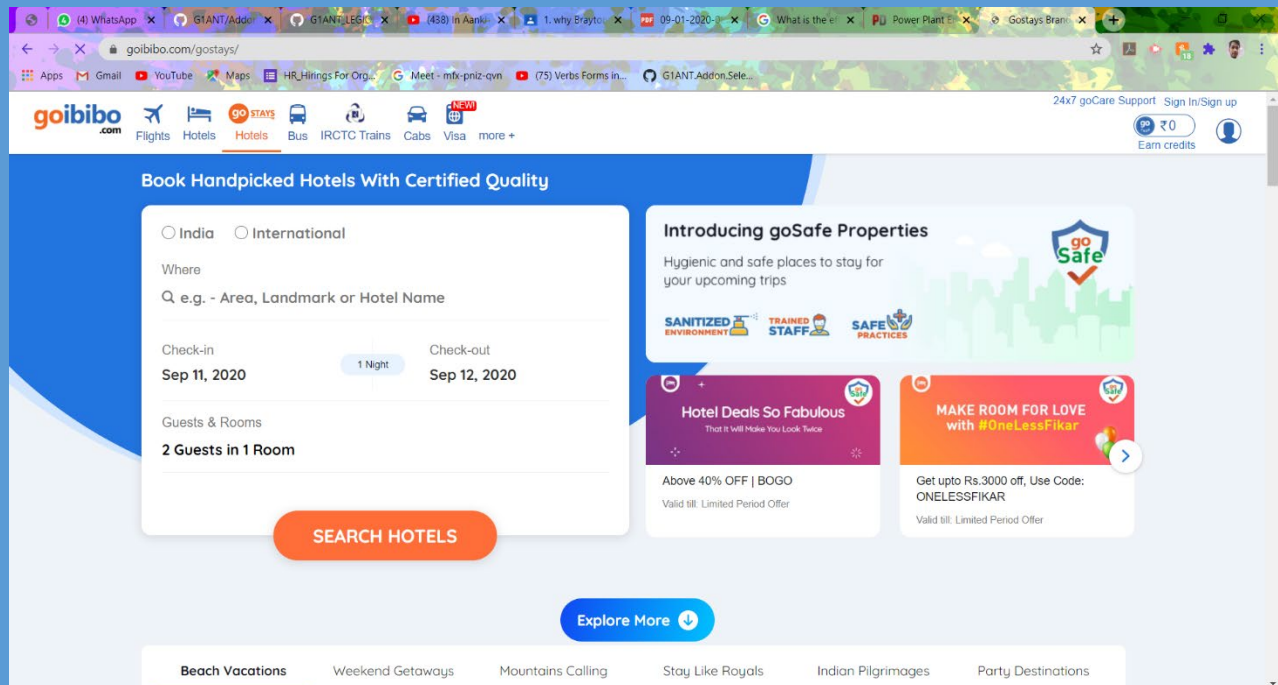
from ♥credential[[mail:address]] to "sanskarguptabaisali@gmail.com"

subject "Flight Booking Information" body "Here is the booking

Details" attachments ♥attachments

2. HOTELS BOOKING:





CODE IS AS FOLLOWS:

addon python version 4.1.0.0

addon appium version 4.105.0.0

addon addon version 1.0.0.0

addon xlsx version 4.104.0.0

addon selenium version 4.104.0.0

addon net version 4.104.0.0

addon core version 4.107.0.0

addon Goibibo version 4.106.1.0

Goibibo.click search get_sign_in by id

delay 2

Goibibo.click search form-control by id

♥Mobailnumber = ♥credential[[Goibibo:Mobailnumber]]

Goibibo.type ♥Mobailnumber search mobileSubmitBtn by id

delay 5

Goibibo.click search mobileSubmitBtn by id

Goibibo.waitforvalue ""return

document.getElementsByClassName(inputSrch).length >0""

expectedvalue true

-Enter the code send on mobaile

Goibibo.click search //*[@id="authOtpSubmitBtn"] by xpath

delay 5

-Search for hotel

Goibibo.click search //*[@id="header"]/div[1]/ul/li[2]/a/span by
xpath

Goibibo.waitforvalue ""return

document.getElementsByClassName(inputSrch).length >0""

expectedvalue true

♥path = ""♥environment[[USERPROFILE]]\Desktop\Date of
flight\flight.xlsx""

⌵

System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryNa
me(♥path));

⌶

xlsx.open ♥path createifnotexist true

♥header = From■Destination■Departure■Return■Travellernoumber

call FileExcel list ♥header

Goibibo.runscript '''return
document.getElementByClassName(inputSrc).length'''

♥websiteRecordNumber

♥websiteRecordNumber = [[integer]]♥websiteRecordNumber

♥i = 1

♥excelRowNumber = 1

while <♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15▷

Goibibo.gettext search //*[@id="gosuggest_inputSrc"] by xpath
result ♥from

Goibibo.gettext search //*[@id="gosuggest_inputDest"] by xpath
result ♥destination

if<!♥from.contain('"'N>A"'') && !♥destination.contain('"'N>A"'')▷

♥from = [[float]]♥from

♥destination = [[float]]♥destination

if<♥from >3 && ♥destination >30▷

```
Goibibo.getText search //*[@id="departureCalendar"] by xpath result  
♥Departure
```

```
list.create
```

```
""♥excelRowNumber♥from♥destination♥Departure♥<{♥from*0.05  
+♥destination}>"" type text result ♥rowvalue
```

```
call FillExcel rownumber<♥excelRowNumber+1> list ♥rowvalue
```

```
end if
```

```
end if
```

```
♥i = ♥i + 1
```

```
end while
```

```
xlsx.close
```

```
Goibibo.close
```

```
procedure FillExcel rownumber 1 list [[list:text]]a||b||c
```

```
for ♥j from 1 to <♥list.count>
```

```
xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j
```

```
end for
```

```
end procedure
```

```
Goibibo.click //*[@id="gi_search_btn"] by xpath
```

```
Goibibo.waitForvalue ""return
document.getElementsByClassName("//*[@id="content"]/div/div[2]/div/div[2]/div[2]/div[2]/div[2]/div[1]/div/div[2]/span[2]/span/input).length > 0"" expectedvalue true
```

```
Goibibo.click
//*[@id="content"]/div/div[2]/div/div[2]/div[2]/div[2]/div[2]/div[1]/div/div[2]/span[2]/span/input by xpath
```

```
♥path =
""♥environment[["USERPROFILE"]\Desktop\travel\TravellData.xlsx""
C
```

```
System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryName(♥path));
D
```

```
xlsx.open ♥path createifnotexist true
```

```
♥header = name█title█email█mobailnumber
```

```
call FileExcel list ♥header
```

```
Goibibo.runscript ""return
document.getElementsByClassName(inputSrch).length""
♥websiteRecordNumber
♥websiteRecordNumber = [[integer]]♥websiteRecordNumber
```

♥i = 1

♥excelRowNumber = 1

while ⊂♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15⊃

Goibibo.gettext search //*[@id="AdultfirstName1"] by xpath result
♥name

Goibibo.gettext search //*[@id="AdultlastName1"] result ♥title

if⊂!♥name.contain("'N>A'") && !♥title.contain("'N>A'")⊃

♥name = [[float]]♥name

♥title = [[float]]♥title

if⊂♥name>3 && ♥title >30⊃

Goibibo.gettext search //*[@id="email"] by xpath result ♥Email

list.create

""♥excelRowNumber♥name||♥title||♥Email||⊂{♥from*0.05+♥destination}⊃"" type text result ♥rowvalue

call FillExcel rownumber⊂♥excelRowNumber+1⊃ list ♥rowvalue

end if

end if

♥i = ♥i + 1

end while

xlsx.close

Goibibo.close

procedure FillExcel rownumber 1 list [[list:text]]a||b||c

for ♥j from 1 to <♥list.count>

xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j

end for

end procedure

Goibibo.click //*[@id="travellerForm"]/div[2]/button/div by xpath

list.create text ♥path result ♥attachments

mail.smtp host ♥credential[[mail:host]] login

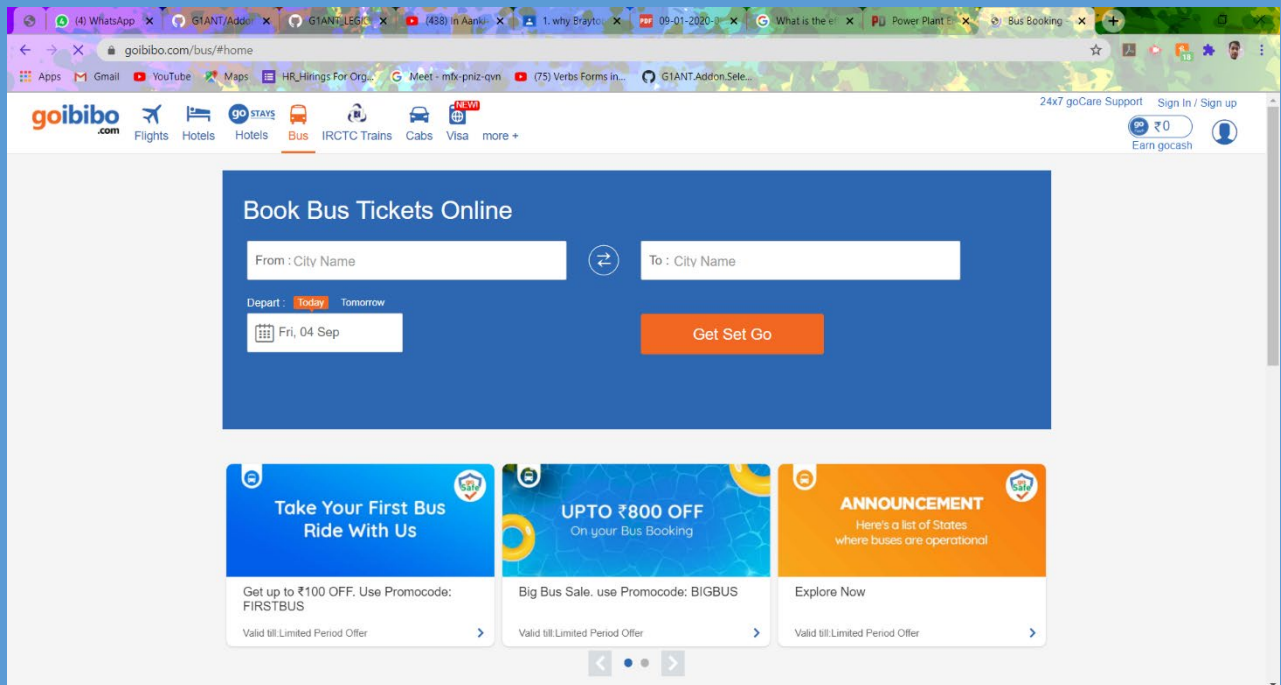
♥credential[[mail:address]] password ♥credential[[mail:password]]

from ♥credential[[mail:address]] to "'sanskarguptabaisali@gmail.com"'

subject "'HOTEL Booking Information"' body "'Here is the booking

Details"' attachments ♥attachments

3. BUS BOOKING:



CODE IS AS FOLLOWS:

addon python version 4.1.0.0

addon appium version 4.105.0.0

addon addon version 1.0.0.0

addon xlsx version 4.104.0.0

addon selenium version 4.104.0.0

addon net version 4.104.0.0

addon msoffice version 4.104.0.0

addon core version 4.107.0.0

addon GOIBIBO version 4.106.1.0

Goibibo.click search get_sign_in by id

delay 2

Goibibo.click search form-control by id

♥Mobailnumber = ♥credential[[Goibibo:Mobailnumber]]

Goibibo.type ♥Mobailnumber search mobileSubmitBtn by id

delay 5

Goibibo.click search mobileSubmitBtn by id

Goibibo.waitforvalue ""return

document.getElementsByClassName(inputSrch).length >0""

expectedvalue true

-Enter the code send on mobaile

Goibibo.click search //*[@id="authOtpSubmitBtn"] by xpath

delay 5

-Search for Bus

Goibibo.click search //*[@id="header"]/div[1]/ul/li[4]/a/i by xpath

Goibibo.waitforvalue ""return

document.getElementsByClassName(inputSrch).length >0""

expectedvalue true

♥path = ""♥environment[[USERPROFILE]]\Desktop\Date of
flight\flight.xlsx""

⌞

System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryNa
me(♥path));

⌞

```
xlsx.open ♥path createifnotexist true
```

```
♥header = From■Destination■Departure■Return■Travellernumber
```

```
call FileExcel list ♥header
```

```
Goibibo.runscript "'return  
document.getElementsByClassName(inputSrch).length'"
```

```
♥websiteRecordNumber
```

```
♥websiteRecordNumber = [[integer]]♥websiteRecordNumber
```

```
♥i = 1
```

```
♥excelRowNumber = 1
```

```
while ⊆♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15⊃
```

```
Goibibo.gettext search //*[@id="gosuggest_inputSrc"] by xpath  
result ♥from
```

```
Goibibo.gettext search //*[@id="gosuggest_inputDest"] by xpath  
result ♥destination
```

```
if⊆!♥from.contain("'"N>A'"') && !♥destination.contain("'"N>A'"')⊃
```

```
♥from = [[float]]♥from
```

```
♥destination = [[float]]♥destination
```

```
if<♥from >3 && ♥destination >30▷
```

```
Goibibo.gettext search //*[@id="departureCalendar"] by xpath result  
♥Departure
```

```
list.create
```

```
""♥excelRowNumber♥from|♥destination|♥Departure|C{♥from*0.05  
+♥destination}▷"" type text result ♥rowvalue
```

```
call FillExcel rownumber<♥excelRowNumber+1▷ list ♥rowvalue
```

```
end if
```

```
end if
```

```
♥i = ♥i + 1
```

```
end while
```

```
xlsx.close
```

```
Goibibo.close
```

```
procedure FillExcel rownumber 1 list [[list:text]]a|b|c
```

```
for ♥j from 1 to <♥list.count▷
```

```
xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j
```

```
end for
```

```
end procedure
```

Goibibo.click //*[@id="gi_search_btn"] by xpath

Goibibo.waitforvalue ""return

document.getElementsByClassName(//*[@id="content"]/div/div[2]/div/div[2]/div[2]/div[2]/div[1]/div/div[2]/span[2]/span/input).length > 0" expectedvalue true

Goibibo.click

//*[@id="content"]/div/div[2]/div/div[2]/div[2]/div[2]/div[2]/div[1]/div/div[2]/span[2]/span/input by xpath

♥path =

""♥environment[USERPROFILE]\Desktop\travel\TravellData.xlsx""

⊂

System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryNa
me(♥path));

⊃

xlsx.open ♥path createifnotexist true

♥header = name■title■email■mobailnumber

call FileExcel list ♥header

Goibibo.runscript ""return

document.getElementsByClassName(inputSrch).length""

♥websiteRecordNumber

♥websiteRecordNumber = [[integer]]♥websiteRecordNumber

♥i = 1

♥excelRowNumber = 1

while ⊆♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15⊃

Goibibo.gettext search //*[@id="AdultfirstName1"] by xpath result
♥name

Goibibo.gettext search //*[@id="AdultlastName1"] result ♥title

if⊆!♥name.contains("N>A") && !♥title.contains("N>A")⊃

♥name = [[float]]♥name

♥title = [[float]]♥title

if⊆♥name>3 && ♥title >30⊃

Goibibo.gettext search //*[@id="email"] by xpath result ♥Email

list.create

""♥excelRowNumber♥name|♥title|♥Email|⊆{♥from*0.05+♥destination}⊃"" type text result ♥rowvalue

call FillExcel rownumber⊆♥excelRowNumber+1⊃ list ♥rowvalue

end if

end if

♥i = ♥i + 1

end while

xlsx.close

Goibibo.close

procedure FillExcel rownumber 1 list [[list:text]]a||b||c****

for ♥j from 1 to <♥list.count>

xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j

end for

end procedure

Goibibo.click //*[@id="travellerForm"]/div[2]/button/div by xpath

list.create text ♥path result ♥attachments

mail.smtp host ♥credential[[mail:host]] login

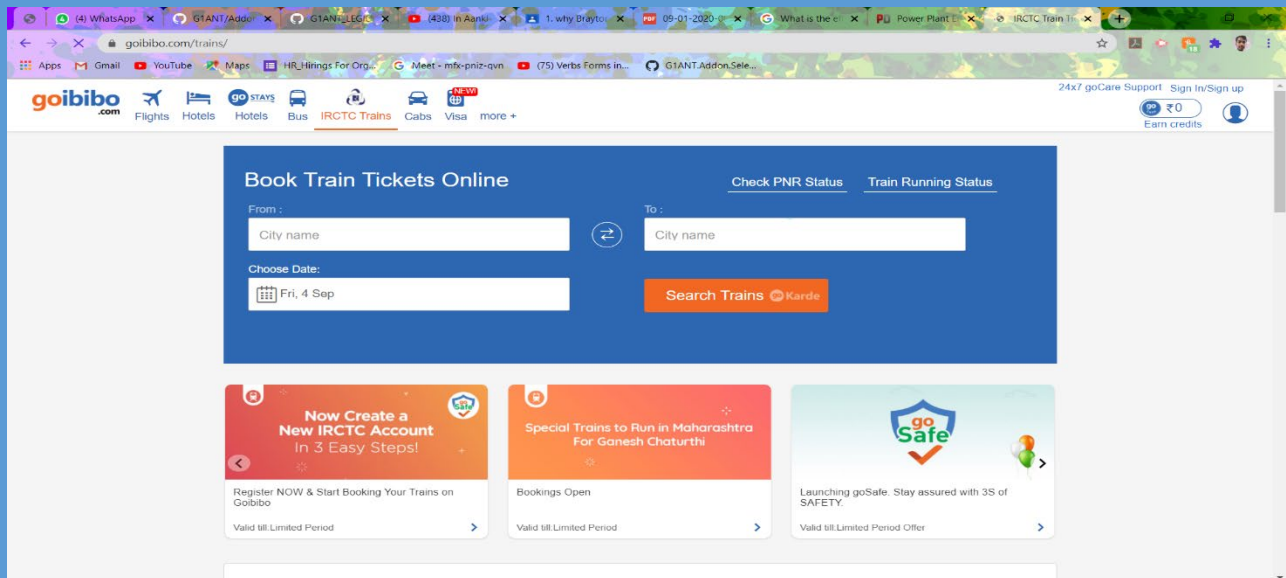
♥credential[[mail:address]] password ♥credential[[mail:password]]

from ♥credential[[mail:address]] to "sanskarguptabaisali@gmail.com"

subject "HOTEL Booking Information" body "Here is the booking

Details" attachments ♥attachments

4. TRAIN BOOKING:



CODE IS AS FOLLOWS:

addon appium version 4.105.0.0

addon addon version 1.0.0.0

addon xlsx version 4.104.0.0

addon selenium version 4.104.0.0

addon net version 4.104.0.0

addon msoffice version 4.104.0.0

addon iexplorer version 4.104.0.0

addon core version 4.107.0.0

addon Goibibo version 4.106.1.0

Goibibo.click search get_sign_in by id

delay 2

Goibibo.click search form-control by id

♥Mobailnumber = ♥credential[[Goibibo:Mobailnumber]]

Goibibo.type ♥Mobailnumber search mobileSubmitBtn by id

delay 5

Goibibo.click search mobileSubmitBtn by id

Goibibo.waitforvalue ""return

document.getElementsByClassName(inputSrch).length >0""

expectedvalue true

-Enter the code send on mobaile

Goibibo.click search //*[@id="authOtpSubmitBtn"] by xpath

delay 5

-Search for Train

Goibibo.click search //*[@id="header"]/div[1]/ul/li[2]/a/span by
xpath

Goibibo.waitforvalue ""return

document.getElementsByClassName(inputSrch).length >0""

expectedvalue true

♥path = ""♥environment[[USERPROFILE]]\Desktop\Date of
flight\flight.xlsx""

⌵

System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryNa
me(♥path));

⌶

xlsx.open ♥path createifnotexist true


```
♥header = From■Destination■Departure■Return■Travellernumber
```

```
call FileExcel list ♥header
```

```
Goibibo.runscript '''return  
document.getElementByClassName(inputSrc).length'''
```

```
♥websiteRecordNumber
```

```
♥websiteRecordNumber = [[integer]]♥websiteRecordNumber
```

```
♥i = 1
```

```
♥excelRowNumber = 1
```

```
while <♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15▷
```

```
Goibibo.gettext search //*[@id="gosuggest_inputSrc"] by xpath  
result ♥from
```

```
Goibibo.gettext search //*[@id="gosuggest_inputDest"] by xpath  
result ♥destination
```

```
if<!♥from.contain('"'N>A"'') && !♥destination.contain('"'N>A"'')▷
```

```
♥from = [[float]]♥from
```

```
♥destination = [[float]]♥destination
```

```
if<♥from >3 && ♥destination >30▷
```

```
Goibibo.getText search //*[@id="departureCalendar"] by xpath result  
♥Departure
```

```
list.create
```

```
""♥excelRowNumber♥from♥destination♥Departure♥<{♥from*0.05  
+♥destination}>"" type text result ♥rowvalue
```

```
call FillExcel rownumber<♥excelRowNumber+1> list ♥rowvalue
```

```
end if
```

```
end if
```

```
♥i = ♥i + 1
```

```
end while
```

```
xlsx.close
```

```
Goibibo.close
```

```
procedure FillExcel rownumber 1 list [[list:text]]a||b||c
```

```
for ♥j from 1 to <♥list.count>
```

```
xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j
```

```
end for
```

```
end procedure
```

```
Goibibo.click //*[@id="gi_search_btn"] by xpath
```

```
Goibibo.waitForvalue ""return
document.getElementsByClassName("//*[@id="content"]/div/div[2]/div/div[2]/div[2]/div[2]/div[2]/div[1]/div/div[2]/span[2]/span/input).length > 0"" expectedvalue true
```

```
Goibibo.click
//*[@id="content"]/div/div[2]/div/div[2]/div[2]/div[2]/div[2]/div[1]/div/div[2]/span[2]/span/input by xpath
```

```
♥path =
""♥environment[["USERPROFILE"]\Desktop\travel\TravellData.xlsx""
C
```

```
System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryName(♥path));
```

```
▷
```

```
xlsx.open ♥path createifnotexist true
```

```
♥header = name■title■email■mobailnumber
```

```
call FileExcel list ♥header
```

```
Goibibo.runscript ""return
document.getElementsByClassName(inputSrch).length""
♥websiteRecordNumber
♥websiteRecordNumber = [[integer]]♥websiteRecordNumber
```

♥i = 1

♥excelRowNumber = 1

while ⊆♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15⊃

Goibibo.gettext search //*[@id="AdultfirstName1"] by xpath result
♥name

Goibibo.gettext search //*[@id="AdultlastName1"] result ♥title

if⊆!♥name.contains("N>A") && !♥title.contains("N>A")⊃

♥name = [[float]]♥name

♥title = [[float]]♥title

if⊆♥name>3 && ♥title >30⊃

Goibibo.gettext search //*[@id="email"] by xpath result ♥Email

list.create

""♥excelRowNumber♥name||♥title||♥Email||⊆{♥from*0.05+♥destination}⊃"" type text result ♥rowvalue

call FillExcel rownumber⊆♥excelRowNumber+1⊃ list ♥rowvalue

end if

end if

♥i = ♥i + 1

end while

xlsx.close

Goibibo.close

procedure FillExcel rownumber 1 list [[list:text]]a||b||c

for ♥j from 1 to <♥list.count>

xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j

end for

end procedure

Goibibo.click //*[@id="travellerForm"]/div[2]/button/div by xpath

list.create text ♥path result ♥attachments

mail.smtp host ♥credential[[mail:host]] login

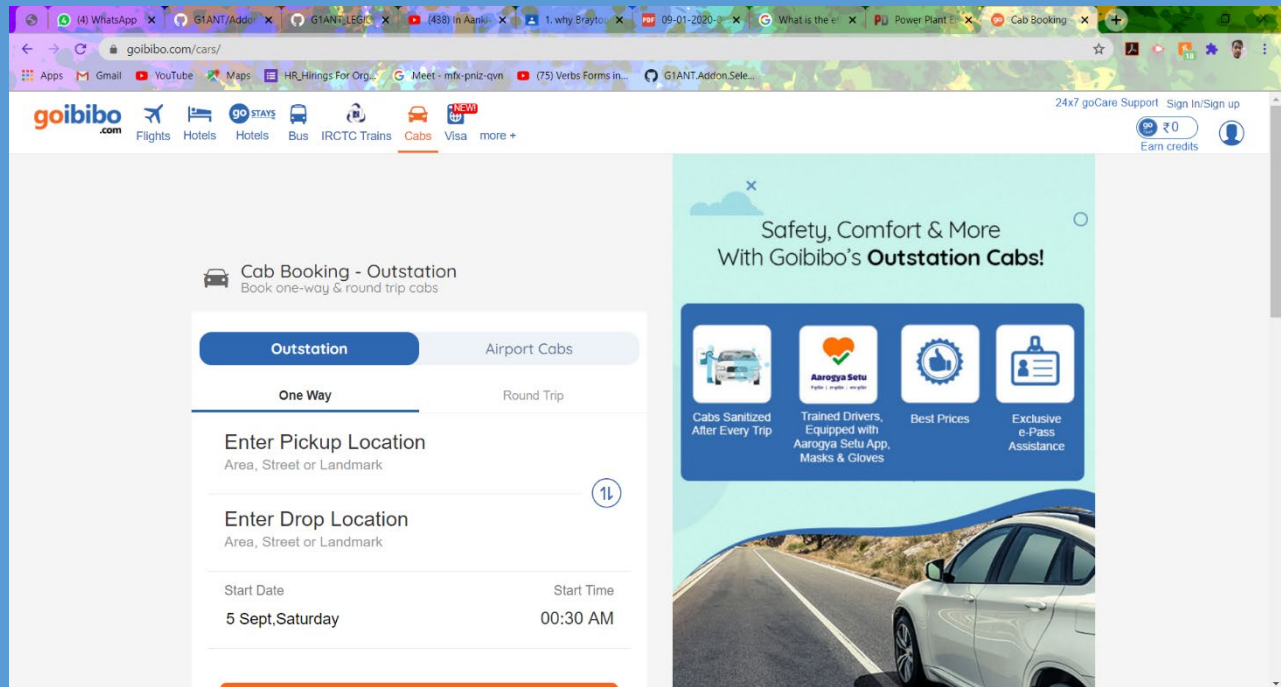
♥credential[[mail:address]] password ♥credential[[mail:password]]

from ♥credential[[mail:address]] to "'sanskarguptabaisali@gmail.com'"

subject "'TRAIN Booking Information'" body "'Here is the booking

Details'" attachments ♥attachmentsaddon python version 4.1.0.0

5. CAB BOOKING:



CODE IS AS FOLLOWS:

addon python version 4.1.0.0

addon appium version 4.105.0.0

addon addon version 1.0.0.0

addon xlsx version 4.104.0.0

addon selenium version 4.104.0.0

addon net version 4.104.0.0

addon core version 4.107.0.0

addon Goibibo version 4.106.1.0

Goibibo.click search get_sign_in by id

delay 2

Goibibo.click search form-control by id

♥Mobailnumber = ♥credential[[Goibibo:Mobailnumber]]

Goibibo.type ♥Mobailnumber search mobileSubmitBtn by id
delay 5

Goibibo.click search mobileSubmitBtn by id

Goibibo.waitforvalue ""return
document.getElementsByClassName(inputSrch).length >0""
expectedvalue true

-Enter the code send on mobaile

Goibibo.click search //*[@id="authOtpSubmitBtn"] by xpath
delay 5

-Search for Cab

Goibibo.click search //*[@id="header"]/div[1]/ul/li[6]/a/i by xpath

Goibibo.waitforvalue ""return
document.getElementsByClassName(inputSrch).length >0""
expectedvalue true

♥path = ""♥environment[[USERPROFILE]]\Desktop\Date of
flight\flight.xlsx""

C

System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryNam
e(♥path));

D

xlsx.open ♥path createifnotexist true

♥header = From■Destination■Departure■Return■Travellernumber

call FileExcel list ♥header

Goibibo.runscript '''return
document.getElementsByClassName(inputSrc).length'''

♥websiteRecordNumber

♥websiteRecordNumber = [[integer]]♥websiteRecordNumber

♥i = 1

♥excelRowNumber = 1

while <♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15▷

Goibibo.gettext search //*[@id="gosuggest_inputSrc"] by xpath result
♥from

Goibibo.gettext search //*[@id="gosuggest_inputDest"] by xpath
result ♥destination

if<!♥from.contain('"'N>A"'') && !♥destination.contain('"'N>A"'')▷

♥from = [[float]]♥from

♥destination = [[float]]♥destination

if<♥from >3 && ♥destination >30▷


```
Goibibo.getText search //*[@id="departureCalendar"] by xpath result  
♥Departure
```

```
list.create
```

```
""♥excelRowNumber♥from|♥destination|♥Departure|C{♥from*0.05+  
♥destination}▷"" type text result ♥rowvalue
```

```
call FillExcel rownumberC♥excelRowNumber+1▷ list ♥rowvalue
```

```
end if
```

```
end if
```

```
♥i = ♥i + 1
```

```
end while
```

```
xlsx.close
```

```
Goibibo.close
```

```
procedure FillExcel rownumber 1 list [[list:text]]a|b|c
```

```
for ♥j from 1 to C♥list.count▷
```

```
xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j
```

```
end for
```

```
end procedure
```

```
Goibibo.click //*[@id="gi_search_btn"] by xpath
```

```
Goibibo.waitForvalue ""return
document.getElementsByClassName("//*[@id="content"]/div/div[2]/div
/div[2]/div[2]/div[2]/div[2]/div[1]/div/div[2]/span[2]/span/input).length
>0"" expectedvalue true
```

```
Goibibo.click
//*[@id="content"]/div/div[2]/div/div[2]/div[2]/div[2]/div[2]/div[1]/div
/div[2]/span[2]/span/input by xpath
```

```
♥path =
""♥environment[["USERPROFILE"]\Desktop\travel\TravellData.xlsx""
C
```

```
System.IO.Directory.CreateDirectory(System.IO.Path.GetDirectoryNam
e(♥path));
```

```
▷
```

```
xlsx.open ♥path createifnotexist true
```

```
♥header = name█title█email█mobailnumber
```

```
call FileExcel list ♥header
```

```
Goibibo.runscript ""return
document.getElementsByClassName(inputSrch).length""
♥websiteRecordNumber
♥websiteRecordNumber = [[integer]]♥websiteRecordNumber
```

♥i = 1

♥excelRowNumber = 1

while <♥i < ♥websiteRecordNumber && ♥excelRowNumber <=15▷

Goibibo.gettext search //*[@id="AdultfirstName1"] by xpath result
♥name

Goibibo.gettext search //*[@id="AdultlastName1"] result ♥title

if<!♥name.contains("N>A") && !♥title.contains("N>A")▷

♥name = [[float]]♥name

♥title = [[float]]♥title

if<♥name>3 && ♥title >30▷

Goibibo.gettext search //*[@id="email"] by xpath result ♥Email

list.create

""♥excelRowNumber♥name|♥title|♥Email|<{♥from*0.05+♥destination}
n}▷"" type text result ♥rowvalue

call FillExcel rownumber<♥excelRowNumber+1▷ list ♥rowvalue

end if

end if

♥i = ♥i + 1

end while

xlsx.close

Goibibo.close

procedure FillExcel rownumber 1 list [[list:text]]a||b||c

for ♥j from 1 to <♥list.count>

xlsx.setvalue value ♥list[[♥j]] row ♥rownumber colindex ♥j

end for

end procedure

Goibibo.click //*[@id="travellerForm"]/div[2]/button/div by xpath

list.create text ♥path result ♥attachments

mail.smtp host ♥credential[[mail:host]] login ♥credential[[mail:address]]

password ♥credential[[mail:password]] from ♥credential[[mail:address]]

to "sanskarguptabaisali@gmail.com" subject "CAB Booking

Information" body "Here is the booking Details" attachments

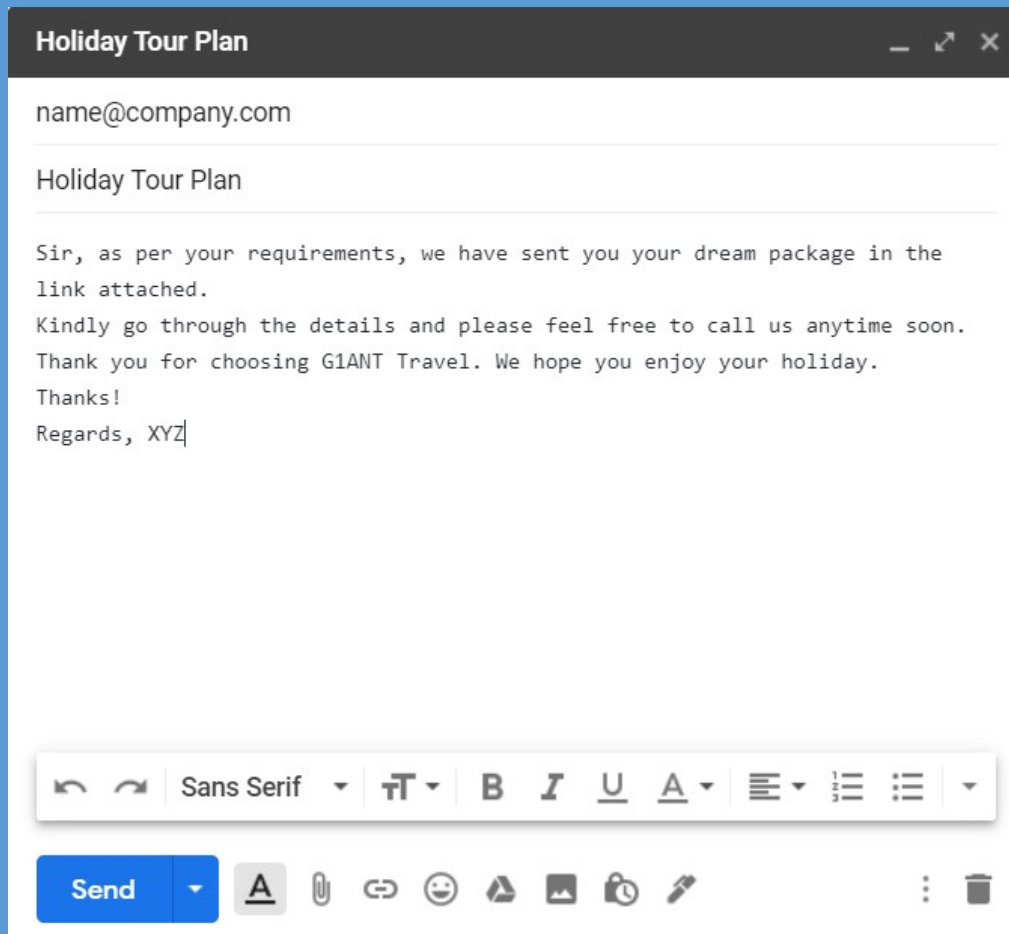
♥attachments

PAYMENT AND BOOKING:

The screenshot shows the goibibo.com website with the flight search results for Agartala to Kolkata on Saturday, September 5, 2020. The search criteria are: FROM Agartala, TO Kolkata, DEPARTURE DATE Sat, 5 Sep, RETURN DATE Select, and PASSENGER & CLASS 1 Traveller(s), Economy. The results show a calendar view for September 2020, with the selected date being September 5. Below the calendar, there are filters for Departure (4am - 11am, 11am - 4pm, 4pm - 9pm, 9pm - 4am) and Stops (0 Stop). The Onward Price is shown as ₹2,280. The results list two flights: Air India (IXA Agartala, India to CCU Kolkata, India) and IndiGo (IXA Agartala, India to CCU Kolkata, India). The Air India flight is priced at ₹2,280 and the IndiGo flight is priced at ₹2,380. Both flights are non-refundable.

The screenshot shows the goibibo.com website with the flight booking confirmation page for Agartala to Kolkata on Saturday, September 5, 2020. The page displays the ticket details, fare summary, and Goibibo Exclusive offers. The ticket details show the flight from Agartala to Kolkata on Saturday, September 5, 2020, with a flight duration of 1h 15m. The fare summary shows the base fare, fee & surcharge, and total amount. The Goibibo Exclusive offers include a donation of ₹5/- for charity, a carbon footprint offset, and a local body support. The page also features a "Just One Click" button to apply all coupons at once, a "Coupons found!" section with 10 coupon codes, and a "Travel Protection" section with a travel protection add-on for ₹129/- per traveller (18% GST incl.).

CONFIRMATION EMAIL



HENCE IN THIS WAY THE BOOT WILL BOOK THE TICKET.HPE YOU WILL LIKE IT.

THANK YOU