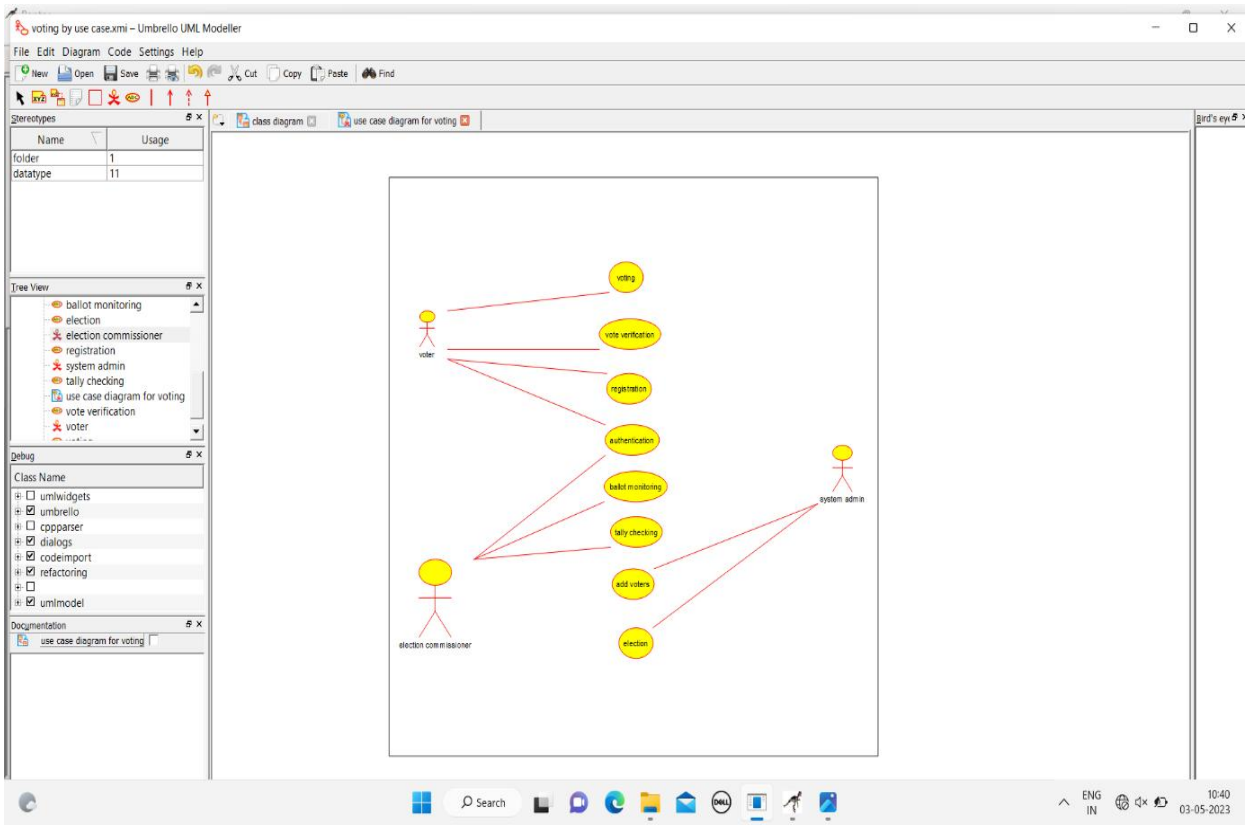
DATE:19-05-2023

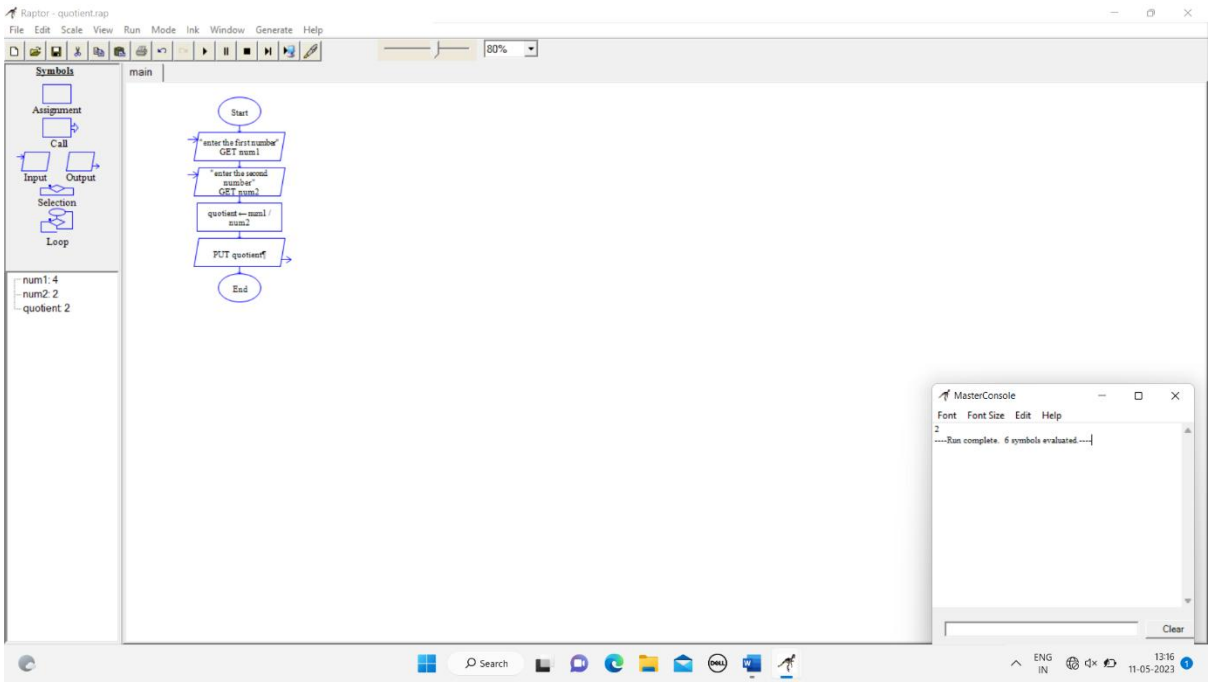
RISHIKESHA S B

192221034

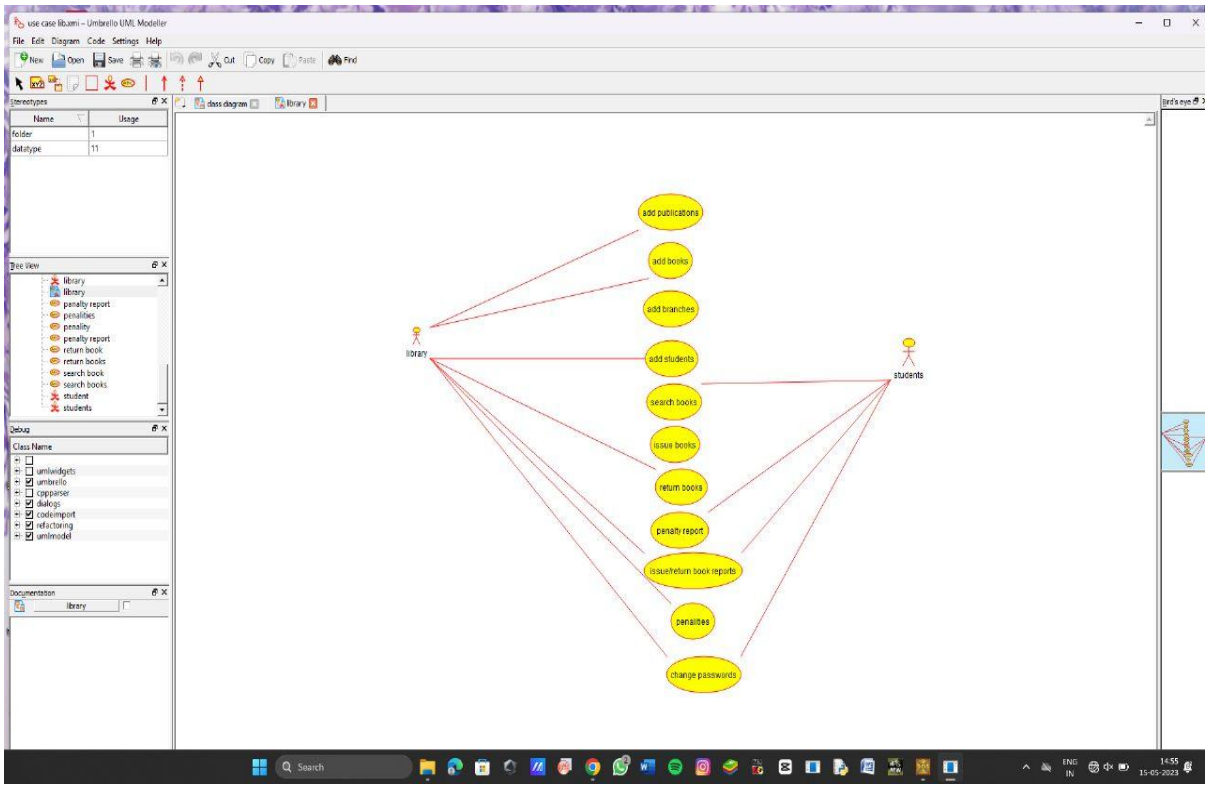
1.



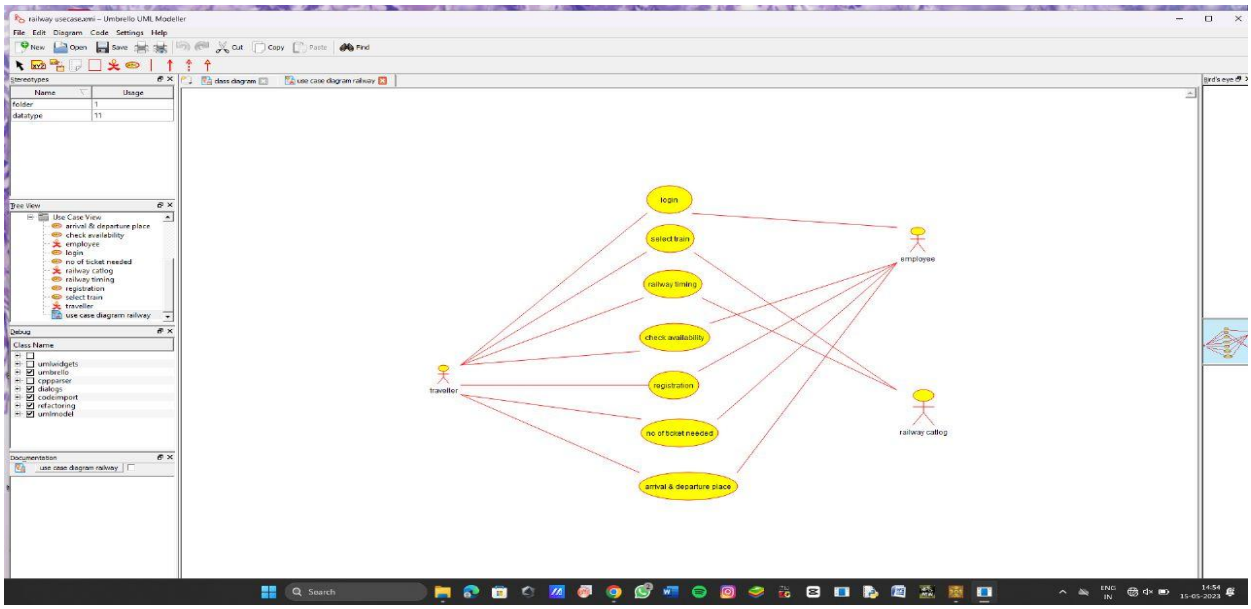
3.



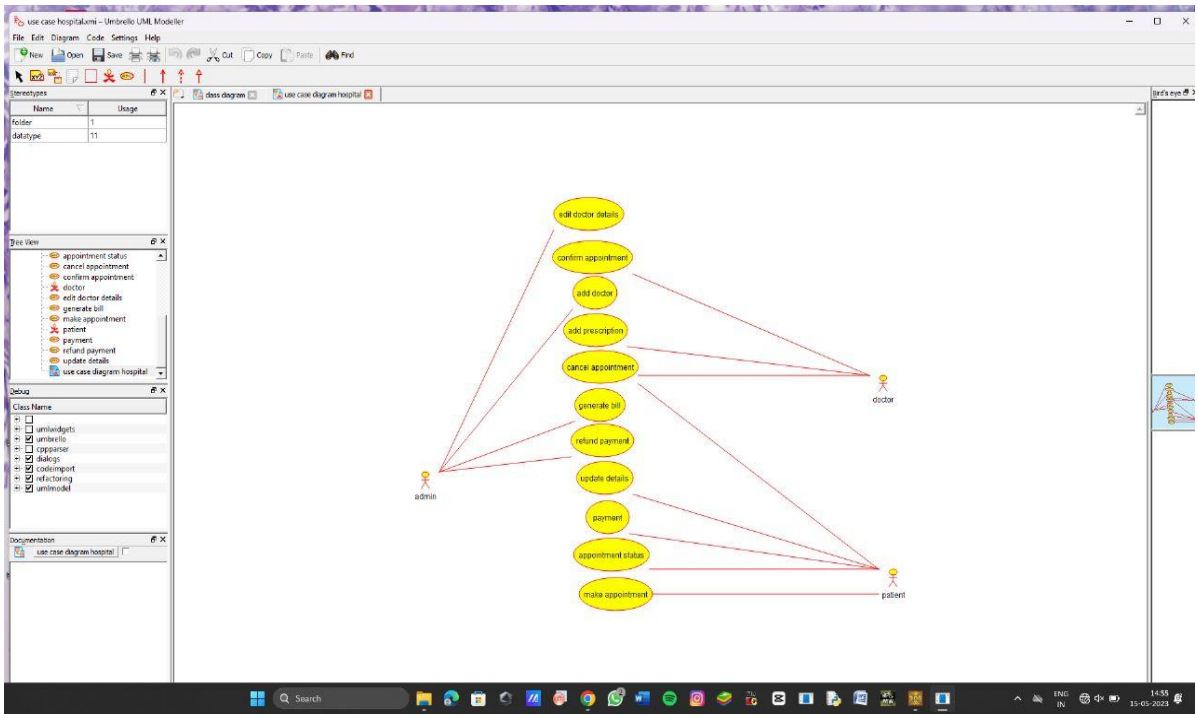
4.


use case libxmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
class diagram
library
add publications
add books
add branches
add students
search books
issue books
return books
penalty report
issue/return book reports
penalties
change passwords
library
students

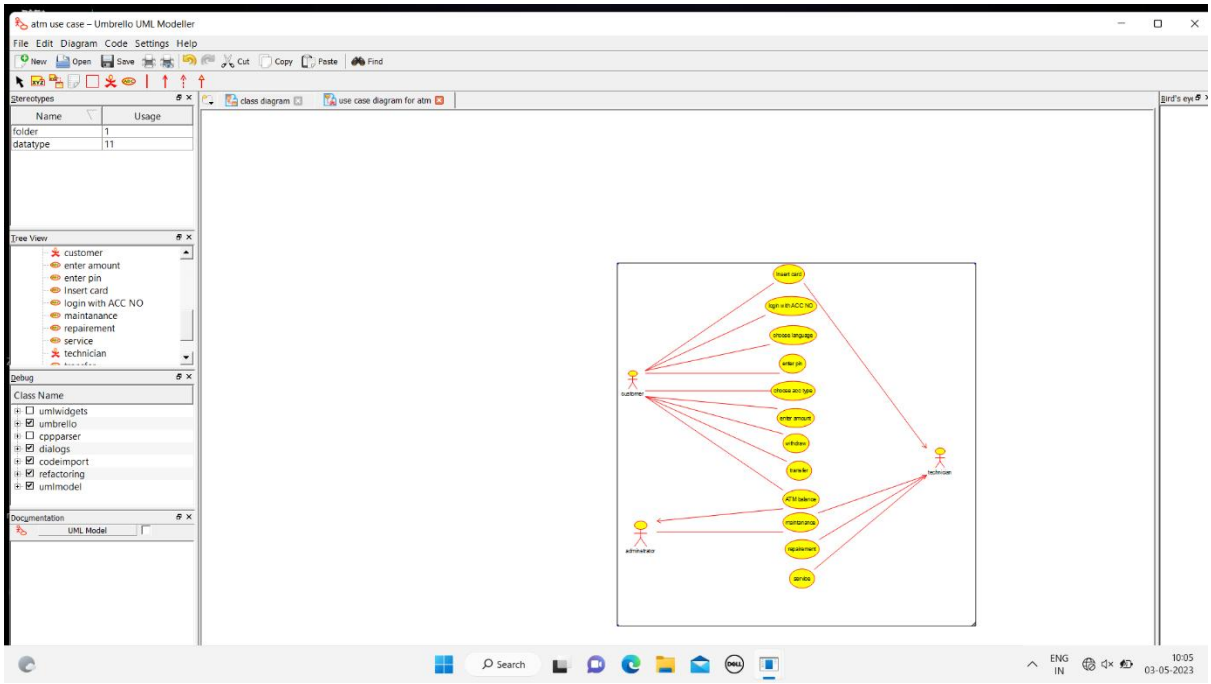
5.


railway usecase.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
class diagram
use case diagram railway
login
select train
railway timing
check availability
registration
no of ticket needed
arrival & departure place
employee
railway catlog
traveller

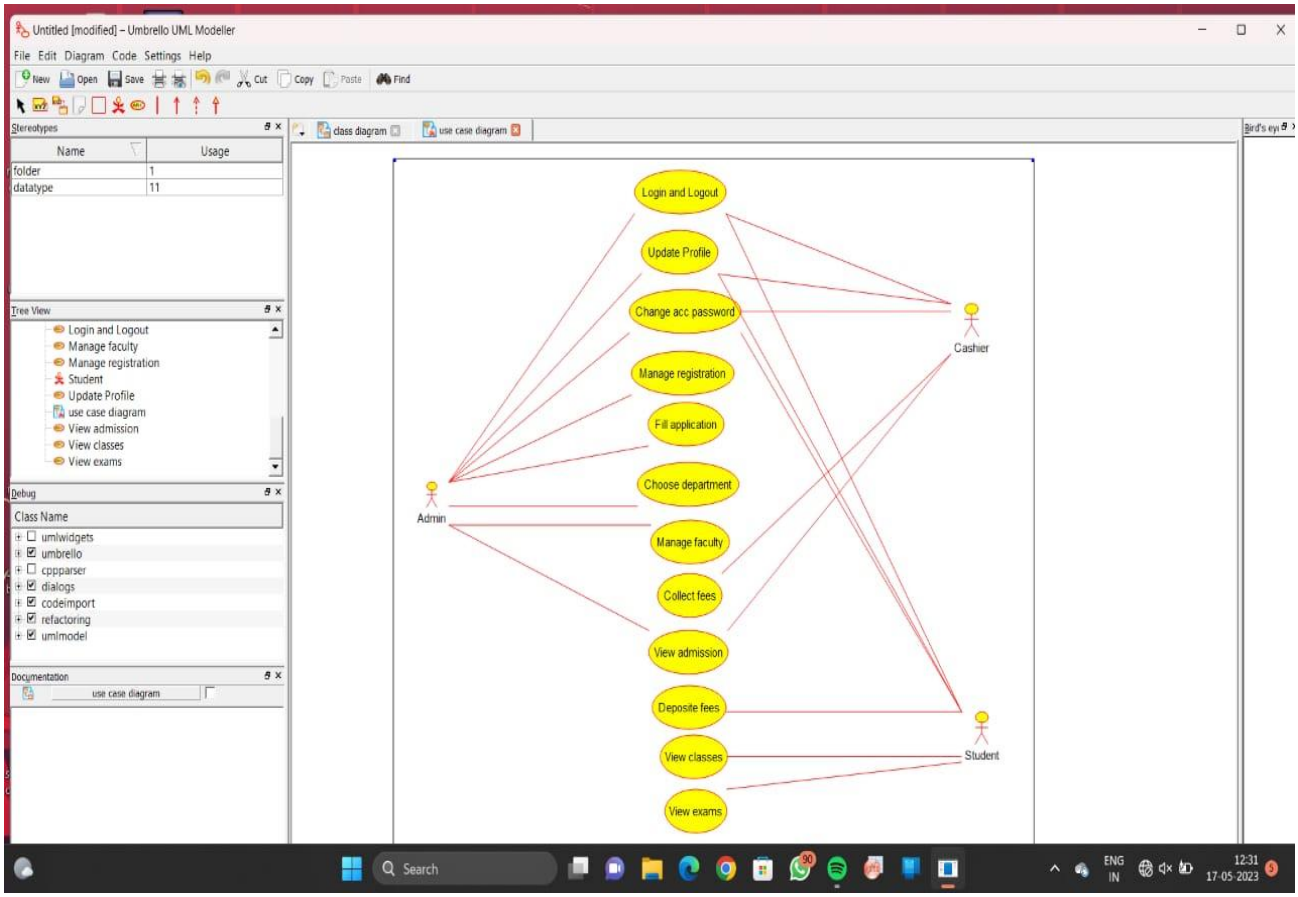
6.


use case hospital.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
edit doctor details
confirm appointment
add doctor
add prescription
cancel appointment
generate bill
refund payment
update details
payment
appointment status
make appointment
admin
doctor
patient

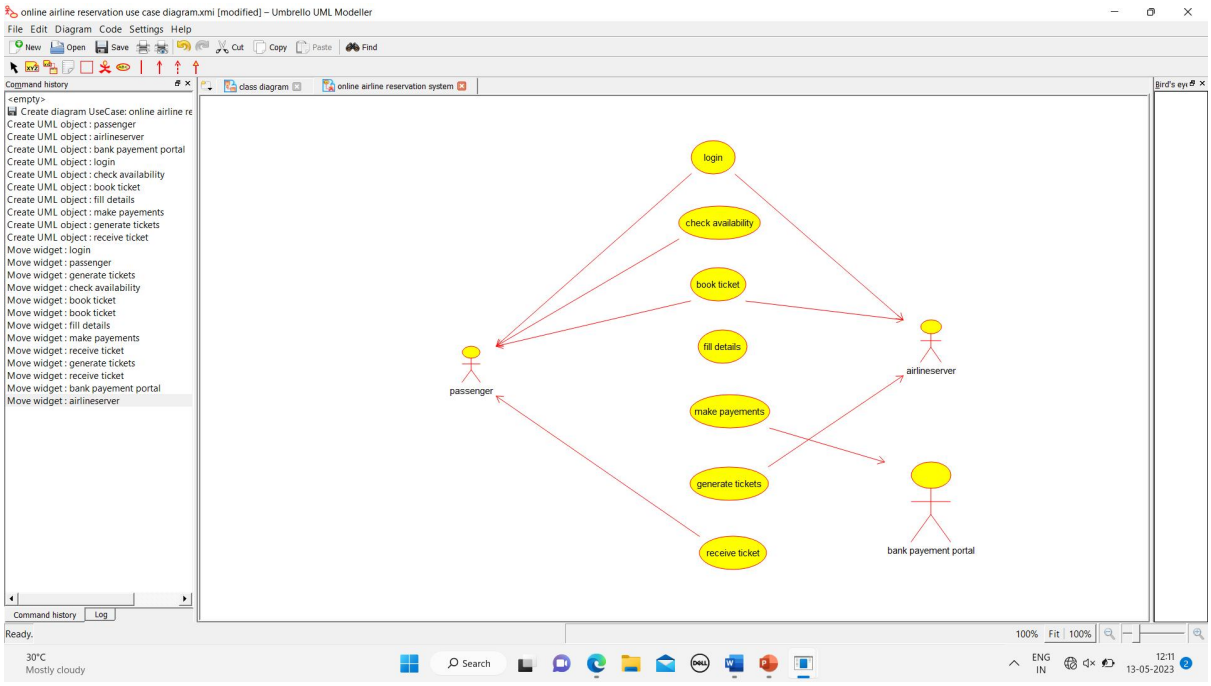
7.


atm use case – Umbrello UML Modeller
File Edit Diagram Code Settings Help
customer
enter amount
enter pin
Insert card
login with ACC NO
maintanance
repairement
service
technician
umlwidgets
umbrello
cppparser
dialogs
codeimport
refactoring
umlmodel

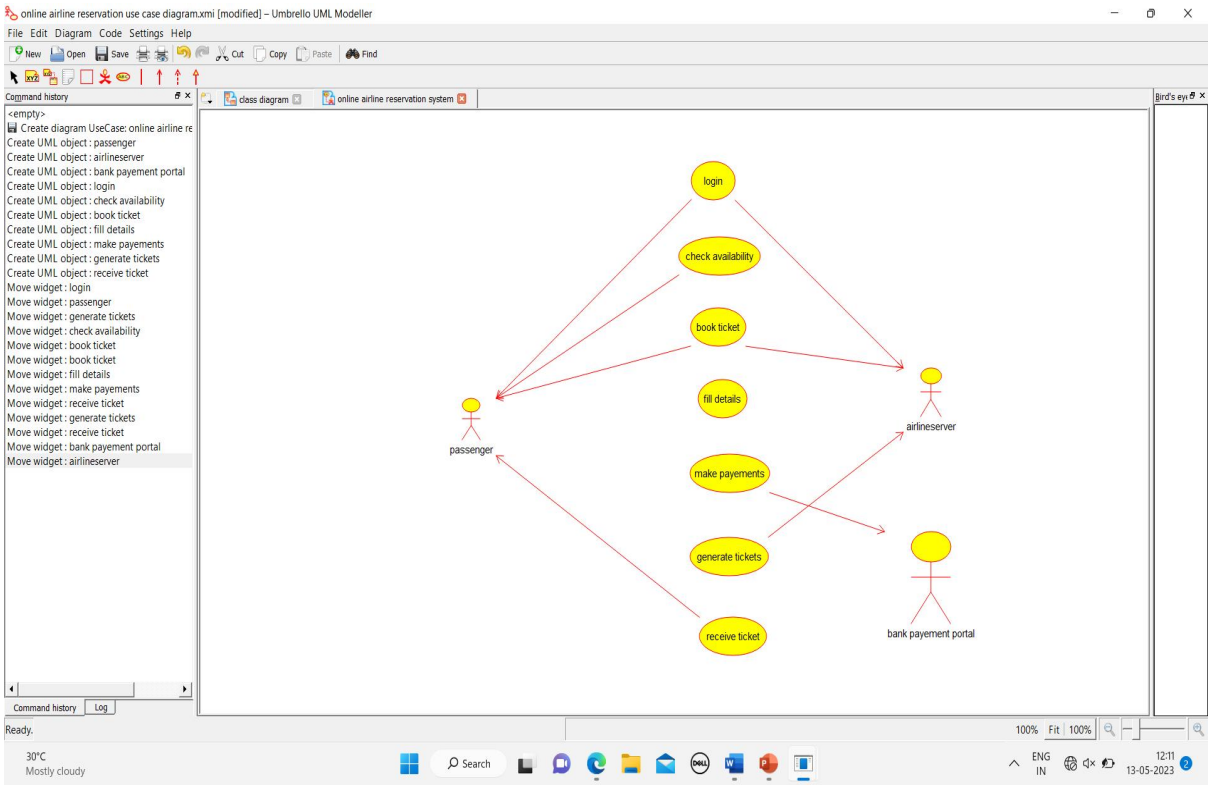
8.


Untitled [modified] – Umbrello UML Modeller
File Edit Diagram Code Settings Help
class diagram
use case diagram
Login and Logout
Update Profile
Change acc password
Manage registration
Fill application
Choose department
Manage faculty
Collect fees
View admission
Deposite fees
View classes
View exams
Admin
Cashier
Student

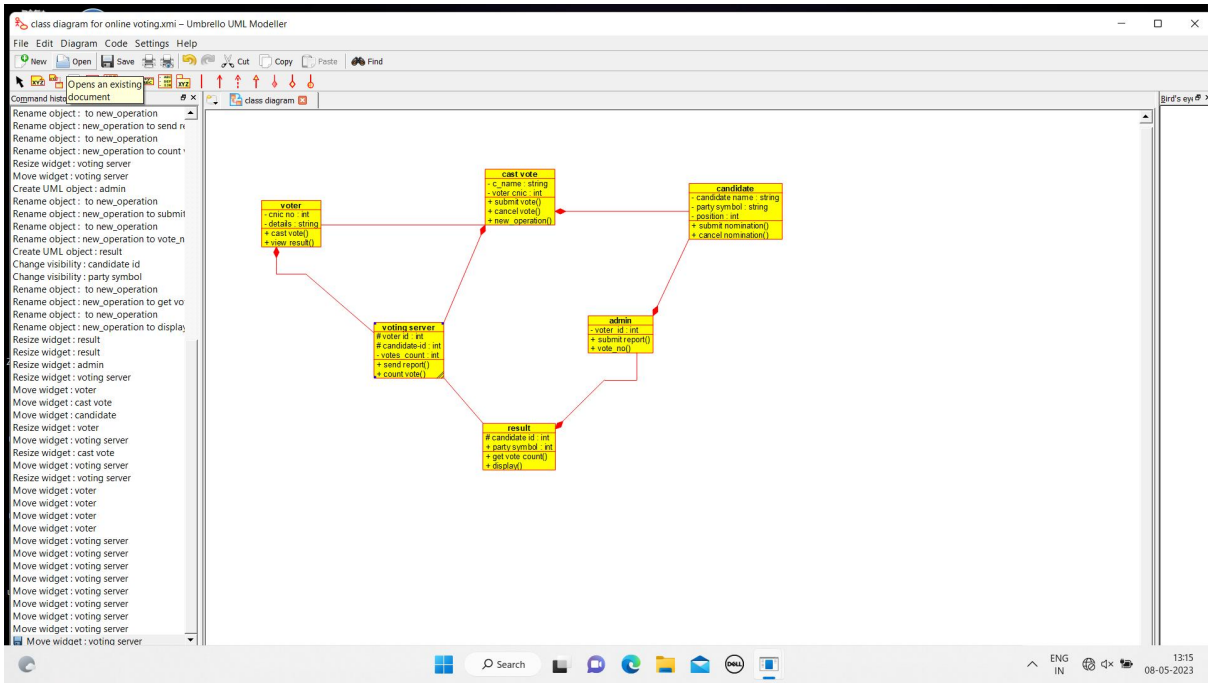
9.


online airline reservation use case diagram.xmi [modified] – Umbrello UML Modeller
File Edit Diagram Code Settings Help
class diagram
online airline reservation system
login
check availability
book ticket
fill details
make payements
generate tickets
receive ticket
passenger
airlineserver
bank payement portal

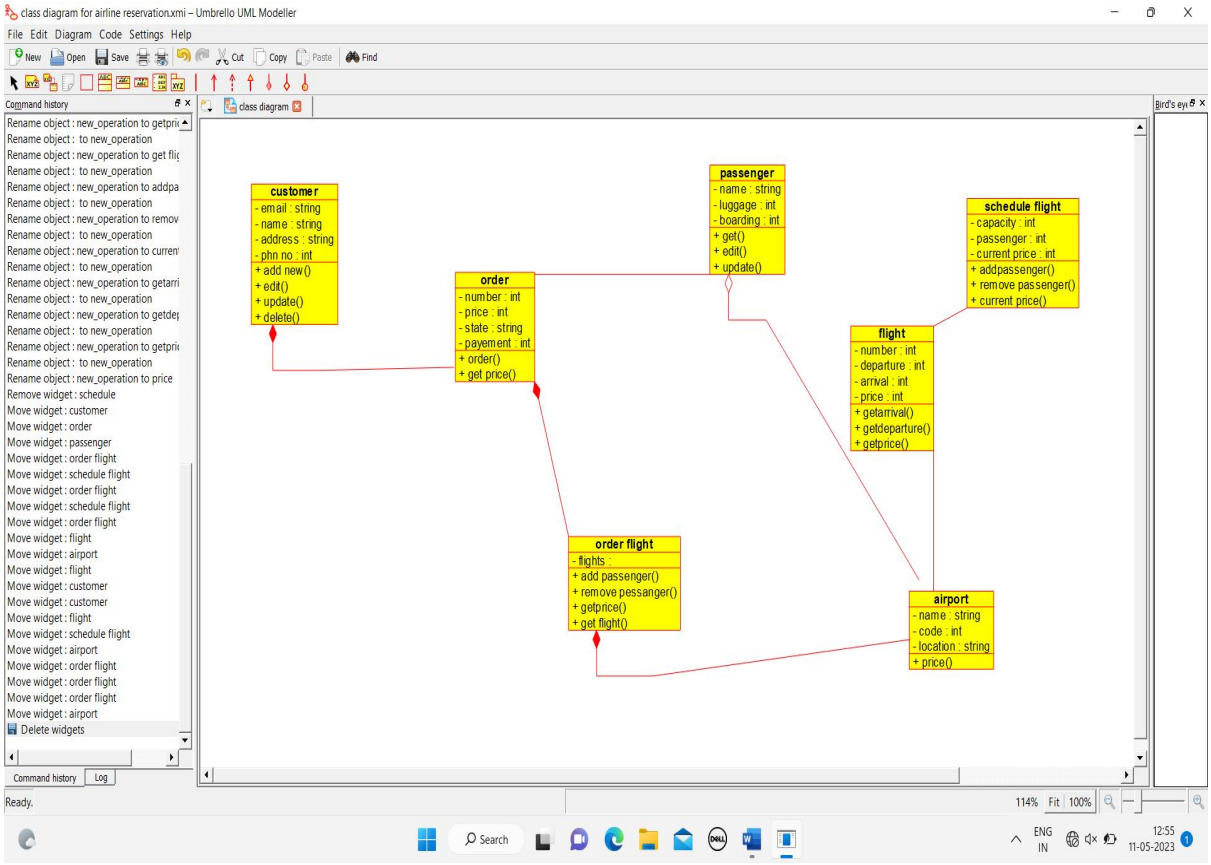
10


online airline reservation use case diagram.xmi [modified] – Umbrello UML Modeller
File Edit Diagram Code Settings Help
New Open Save Cut Copy Paste Find
Command history
<empty>
Create diagram UseCase: online airline re
Create UML object : passenger
Create UML object : airlineserver
Create UML object : bank payement portal
Create UML object : login
Create UML object : check availability
Create UML object : book ticket
Create UML object : fill details
Create UML object : make payements
Create UML object : generate tickets
Create UML object : receive ticket
Move widget : login
Move widget : passenger
Move widget : generate tickets
Move widget : check availability
Move widget : book ticket
Move widget : book ticket
Move widget : fill details
Move widget : make payements
Move widget : receive ticket
Move widget : generate tickets
Move widget : receive ticket
Move widget : bank payement portal
Move widget : airlineserver
Command history
Log
class diagram
online airline reservation system
Bird's eye
login
check availability
book ticket
fill details
make payements
generate tickets
receive ticket
passenger
airlineserver
bank payement portal
Ready.
100% Fit 100%
30°C
Mostly cloudy
Search
ENG
IN
12:11
13-05-2023

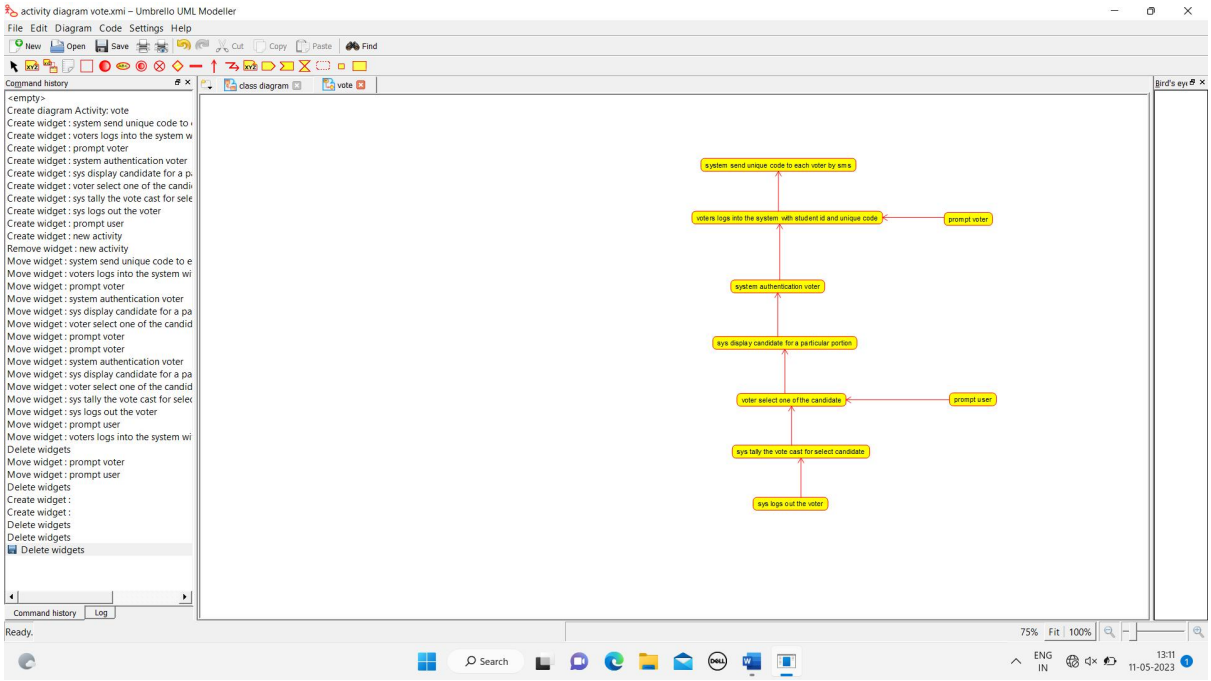
11.


class diagram for online voting.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
New Open Save Cut Copy Paste Find
Opens an existing document
Command history
Rename object : to new_operation
Rename object : new_operation to send r
Rename object : to new_operation
Rename object : new_operation to count
Resize widget : voting server
Move widget : voting server
Create UML object : admin
Rename object : to new_operation
Rename object : new_operation to submit
Rename object : to new_operation
Rename object : new_operation to vote_n
Create UML object : result
Change visibility : candidate id
Change visibility : party symbol
Rename object : to new_operation
Rename object : new_operation to get vo
Rename object : to new_operation
Rename object : new_operation to display
Resize widget : result
Resize widget : result
Resize widget : admin
Resize widget : voting server
Move widget : voter
Move widget : cast vote
Move widget : candidate
Resize widget : voter
Move widget : voting server
Resize widget : cast vote
Move widget : voting server
Resize widget : voting server
Move widget : voter
Move widget : voter
Move widget : voter
Move widget : voter
Move widget : voting server
Move widget : voting server
Move widget : voting server
Move widget : voting server
Move widget : voting server
Move widget : voting server
Move widget : voting server
Move widget : voting server
Move widget : voting server
class diagram
Bird's eye
voter
- cnic no : int
- details : string
+ cast vote()
+ view result()
cast vote
- c_name : string
- voter_cnic : int
+ submit vote()
+ cancel vote()
+ new_operation()
candidate
- candidate name : string
- party symbol : string
- position : int
+ submit nomination()
+ cancel nomination()
voting server
voter id : int
candidate-id : int
- votes_count : int
+ send report()
+ count vote()
admin
- voter_id : int
+ submit report()
+ vote_no()
result
candidate id : int
+ party symbol : int
+ get vote count()
+ display()
Search
ENG
IN
13:15
08-05-2023

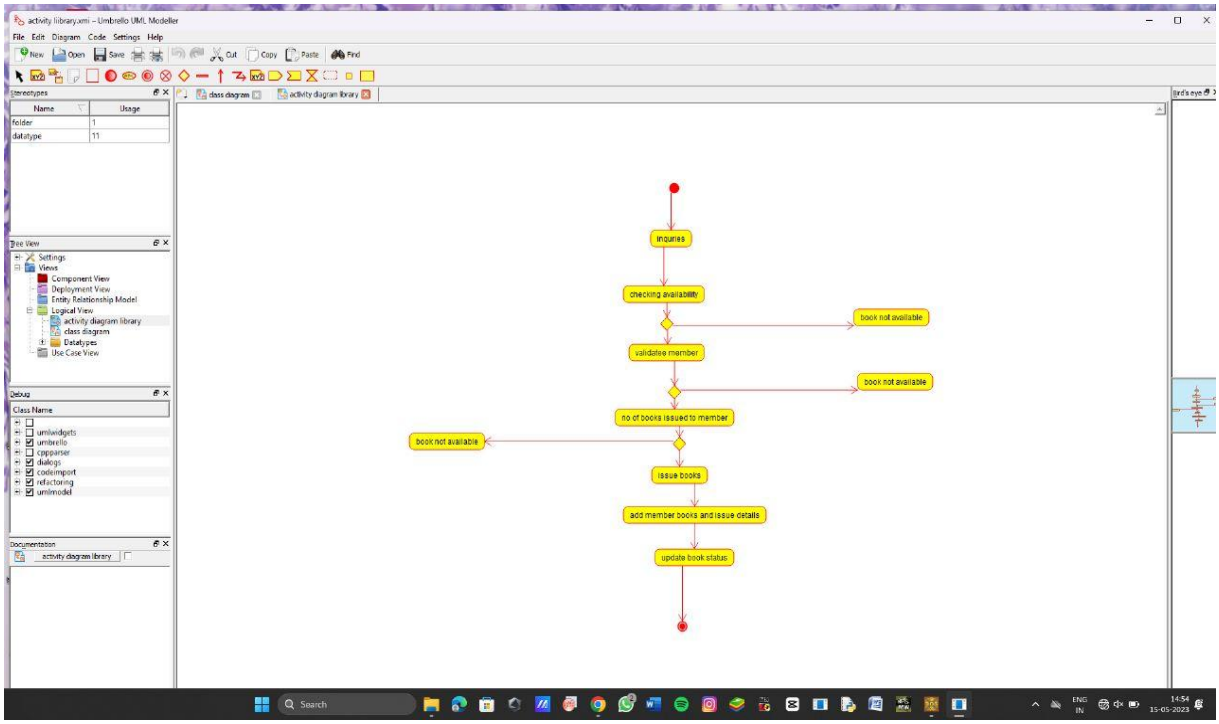
12


class diagram for airline reservation.xmi – Umbrello UML Modeller
customer
- email : string
- name : string
- address : string
- phn no : int
+ add new()
+ edit()
+ update()
+ delete()
passenger
- name : string
- luggage : int
- boarding : int
+ get()
+ edit()
+ update()
schedule flight
- capacity : int
- passenger : int
- current price : int
+ addpassenger()
+ remove passenger()
+ current price()
order
- number : int
- price : int
- state : string
- payement : int
+ order()
+ get price()
flight
- number : int
- departure : int
- arrival : int
- price : int
+ getarrival()
+ getdeparture()
+ getprice()
order flight
- flights :
+ add passenger()
+ remove pessanger()
+ getprice()
+ get flight()
airport
- name : string
- code : int
- location : string
+ price()

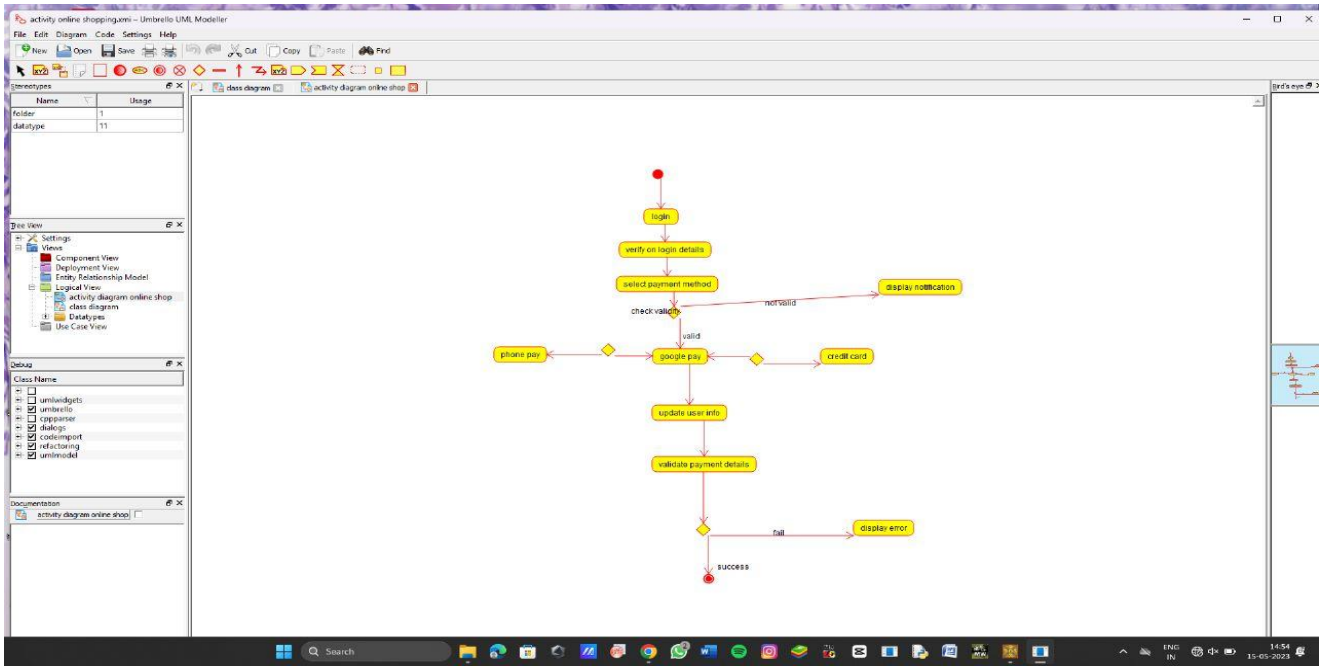
13.


activity diagram vote.xmi – Umbrello UML Modeller
system send unique code to each voter by sms
voters logs into the system with student id and unique code
prompt voter
system authentication voter
sys display candidate for a particular portion
voter select one of the candidate
prompt user
sys tally the vote cast for select candidate
sys logs out the voter

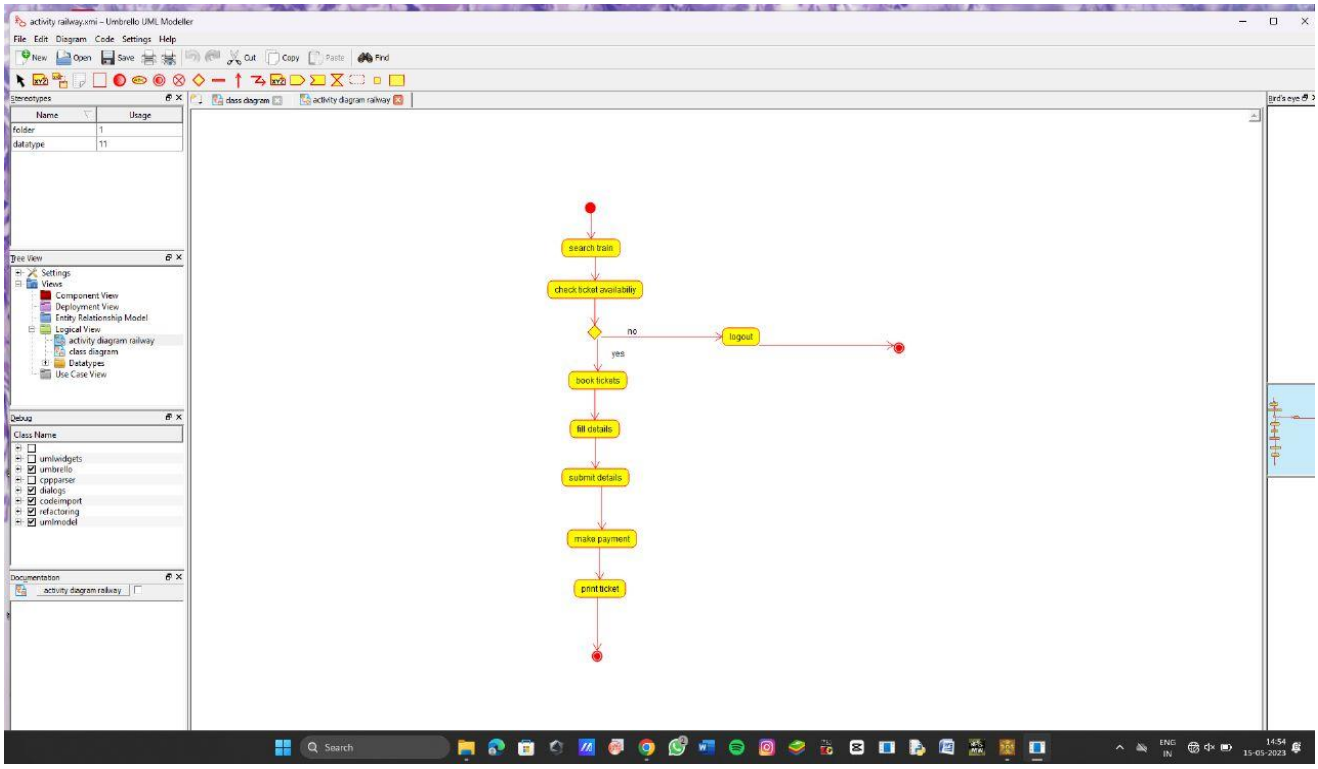
14.


activity library.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
class diagram
activity diagram library
inquiries
checking availability
book not available
validate member
book not available
no of books issued to member
book not available
issue books
add member books and issue details
update book status

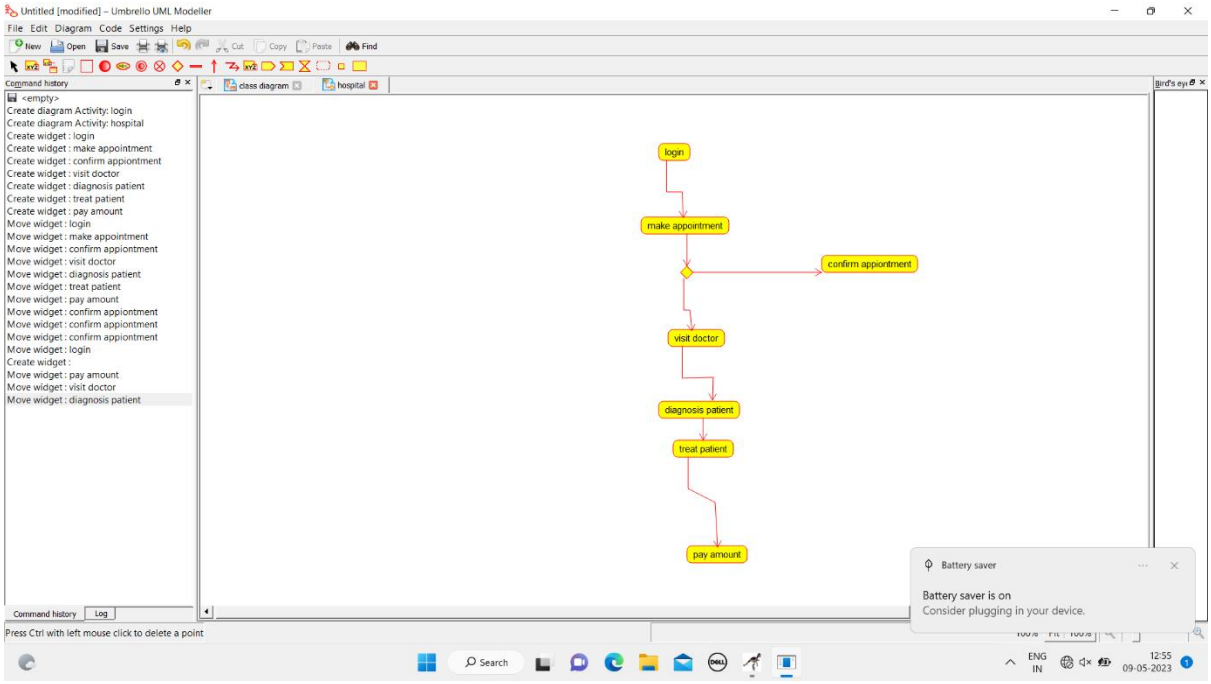
15.


activity online shopping.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
class diagram
activity diagram online shop
login
verify on login details
select payment method
display notification
not valid
check validity
valid
phone pay
google pay
credit card
update user info
validate payment details
fail
display error
success

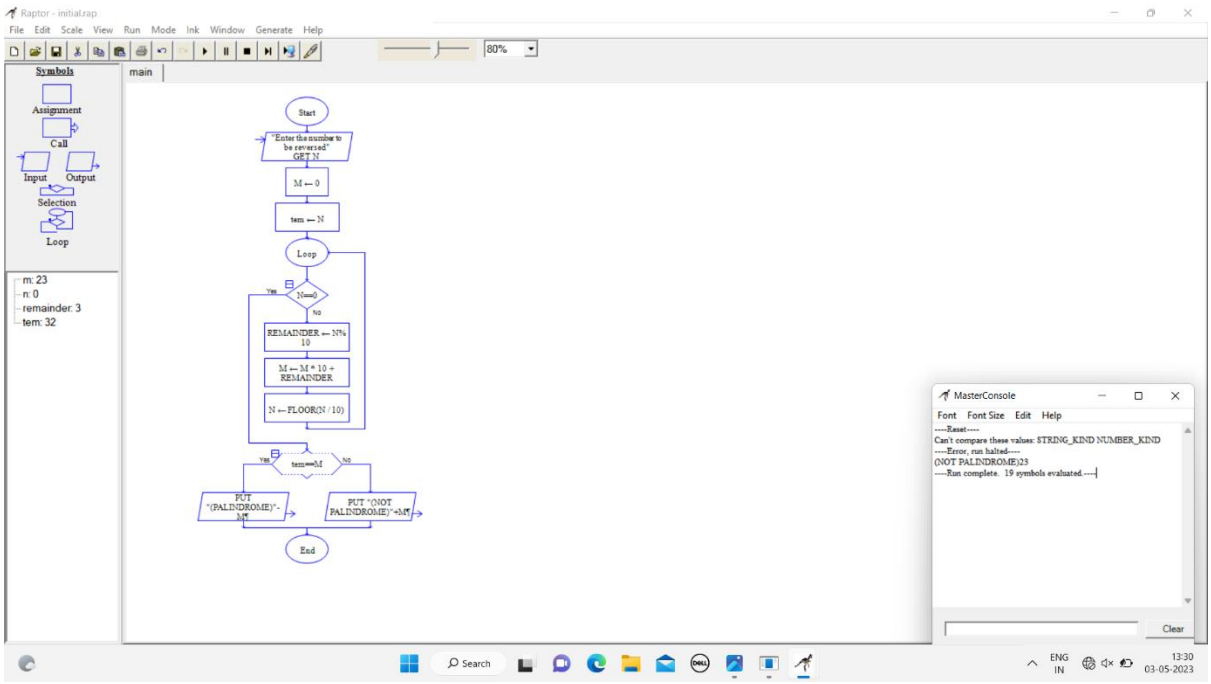
16.


activity railway.xmi – Umbrello UML Modeller
search train
check ticket availability
no
logout
yes
book tickets
fill details
submit details
make payment
print ticket

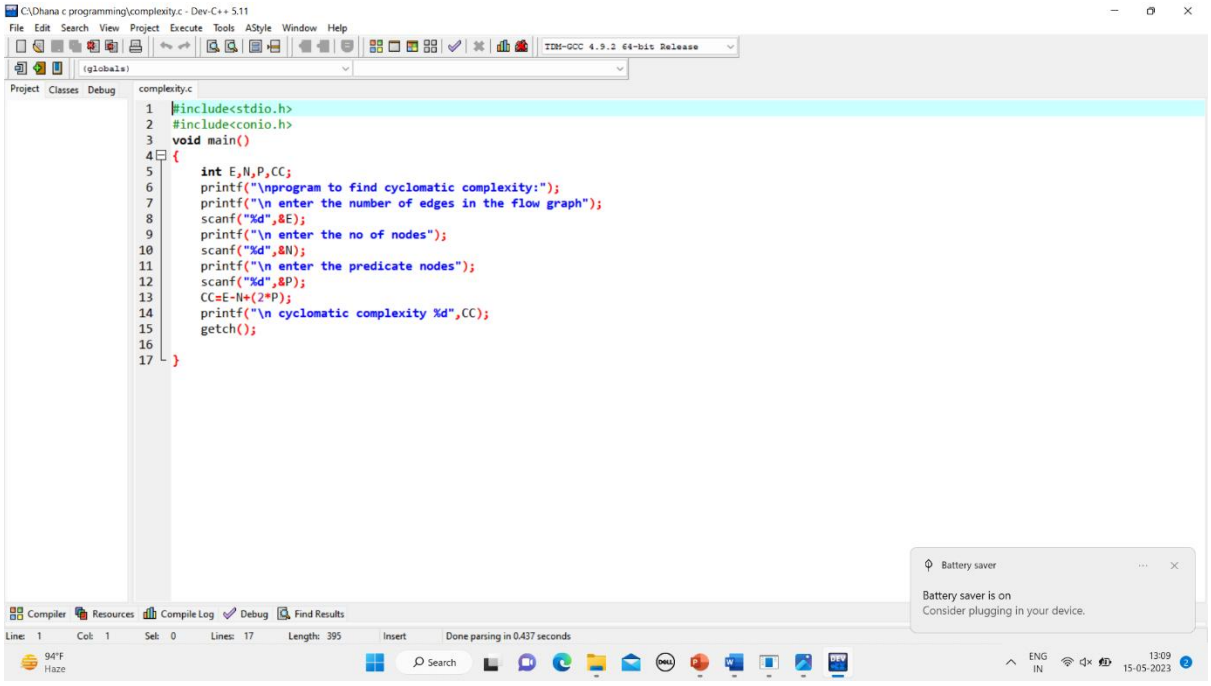
17.


Untitled [modified] – Umbrello UML Modeller
login
make appointment
confirm appointment
visit doctor
diagnosis patient
treat patient
pay amount
Battery saver
Battery saver is on
Consider plugging in your device.

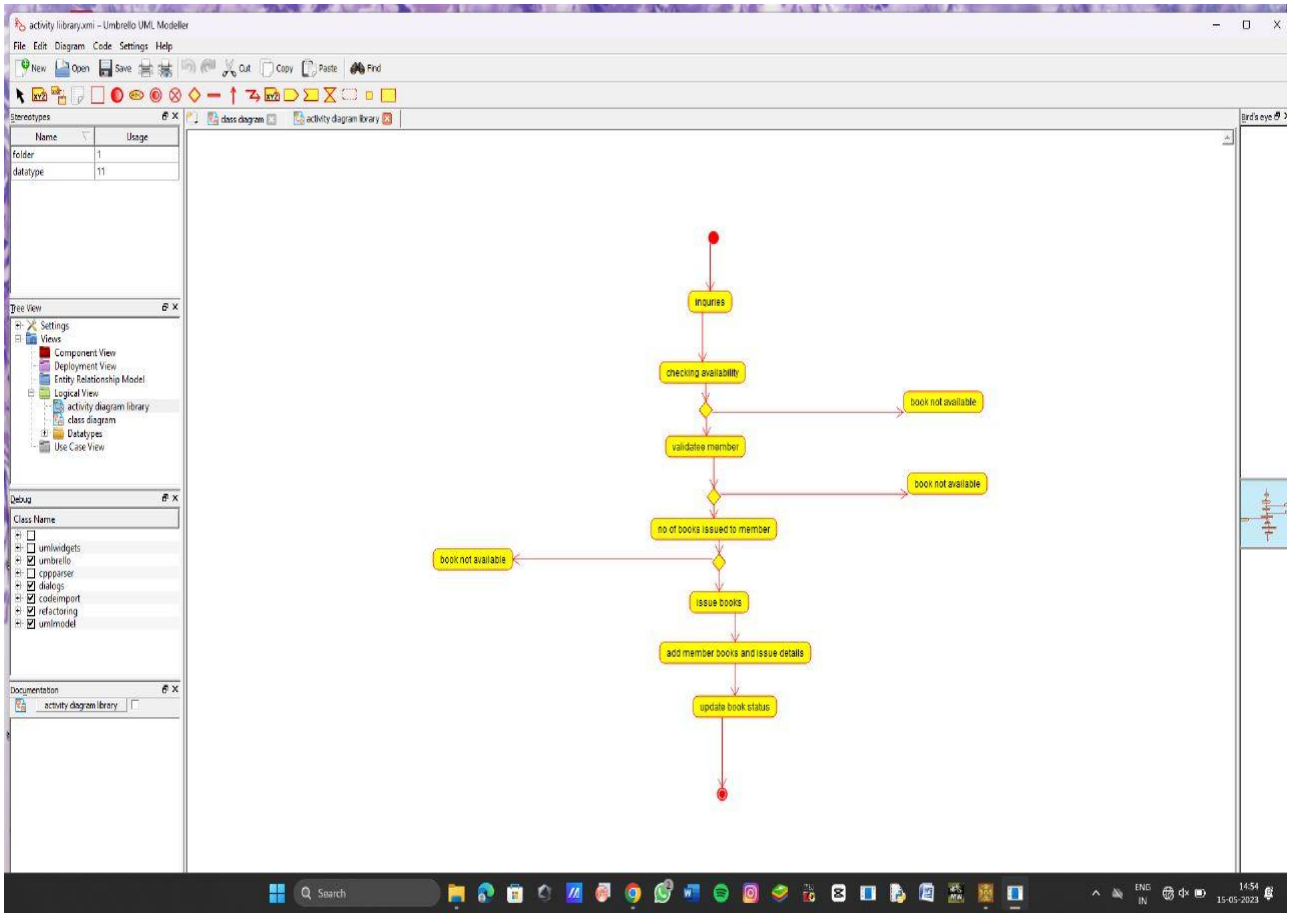
18.


Raptor - initial.rap
File Edit Scale View Run Mode Ink Window Generate Help
Symbols
Assignment
Call
Input
Output
Selection
Loop
main
Start
"Enter the number to be reversed"
GET N
M ← 0
tem ← N
Loop
N==0
REMAINDER ← N% 10
M ← M * 10 + REMAINDER
N ← FLOOR(N / 10)
tem==M
PUT "(PALINDROME)"-M
PUT "(NOT PALINDROME)"+M
End
m: 23
n: 0
remainder: 3
tem: 32
MasterConsole
Font Font Size Edit Help
----Reset----
Can't compare these values: STRING_KIND NUMBER_KIND
----Error, run halted----
(NOT PALINDROME)23
----Run complete. 19 symbols evaluated.----
Clear
Search
ENG IN
13:30
03-05-2023

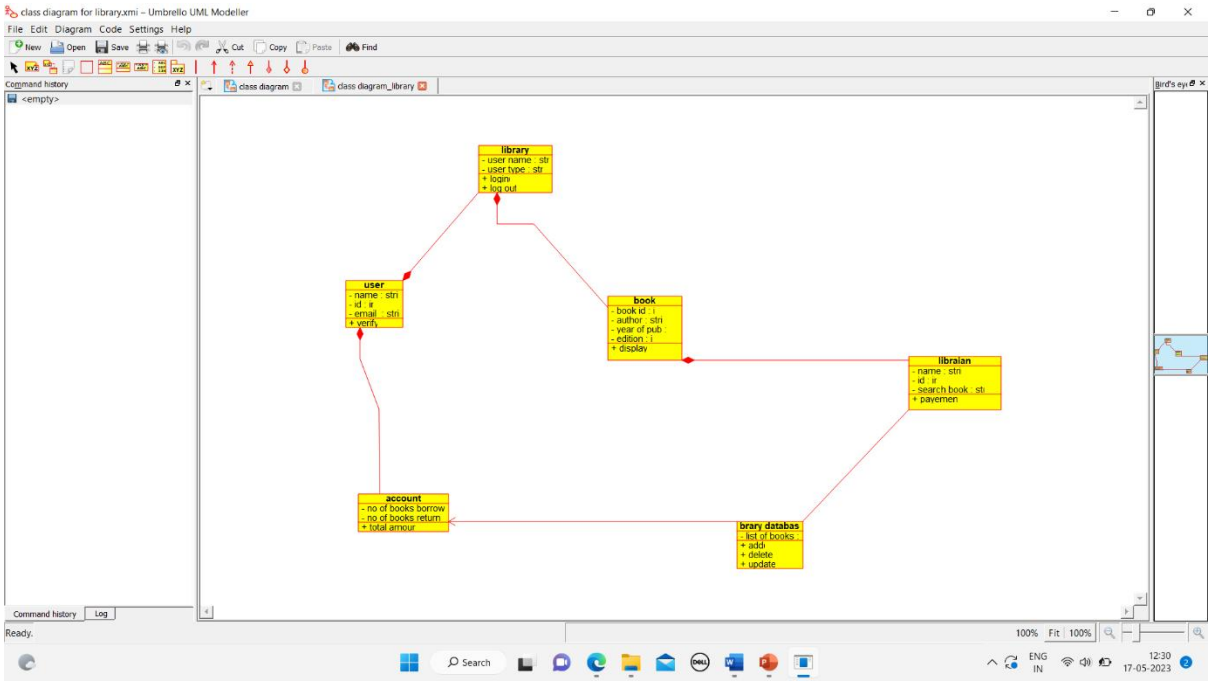
22.


C:\Dhana c programming\complexity.c - Dev-C++ 5.11
File Edit Search View Project Execute Tools AStyle Window Help
TDM-GCC 4.9.2 64-bit Release
(globals)
Project Classes Debug
complexity.c
#include<stdio.h>
#include<conio.h>
void main()
{
int E,N,P,CC;
printf("\nprogram to find cyclomatic complexity:");
printf("\n enter the number of edges in the flow graph");
scanf("%d",&E);
printf("\n enter the no of nodes");
scanf("%d",&N);
printf("\n enter the predicate nodes");
scanf("%d",&P);
CC=E-N+(2*P);
printf("\n cyclomatic complexity %d",CC);
getch();
}
Battery saver
Battery saver is on
Consider plugging in your device.
Compiler Resources Compile Log Debug Find Results
Line: 1 Col: 1 Sel: 0 Lines: 17 Length: 395 Insert Done parsing in 0.437 seconds
94°F
Haze
Search
ENG IN
13:09
15-05-2023

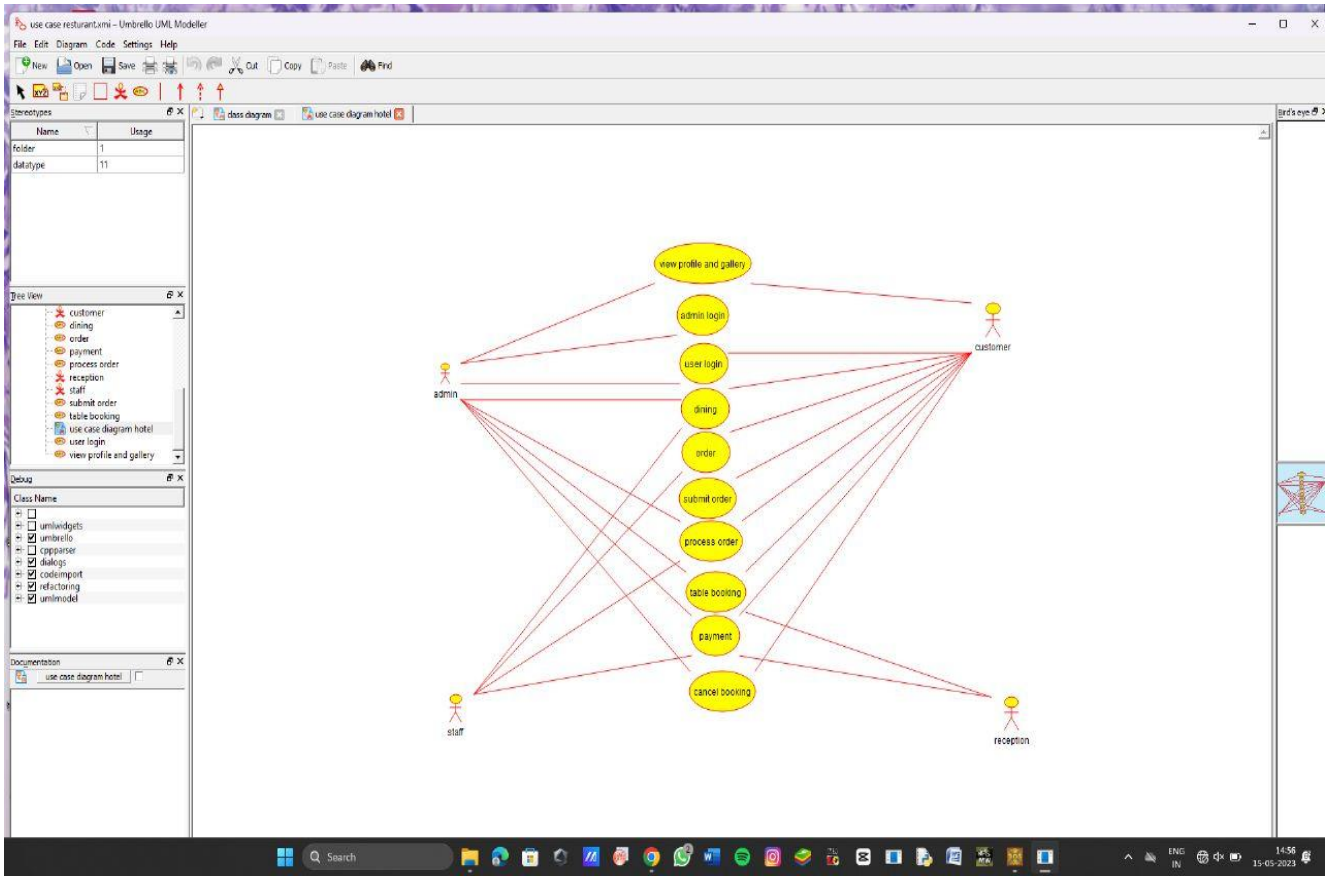
24.


activity library.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
inquries
checking availability
book not available
validatee member
book not available
no of books issued to member
book not available
issue books
add member books and issue details
update book status

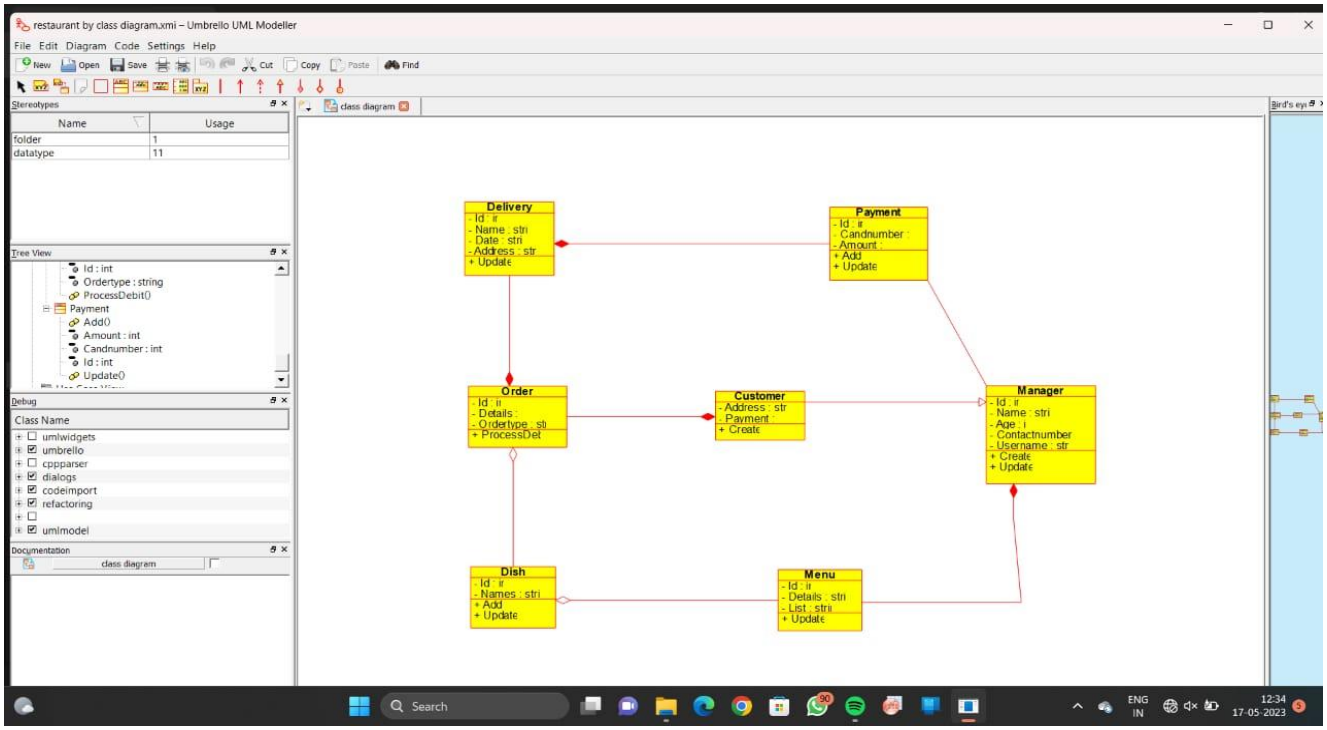
25.


class diagram for library.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
library
- user name : str
- user type : str
+ login
+ log out
user
- name : stri
- id : ir
- email : stri
+ verify
book
- book id : i
- author : stri
- year of pub
- edition : i
+ display
librarian
- name : stri
- id : ir
- search book : st
+ payemen
account
- no of books borrow
- no of books return
+ total amout
brary databas
- list of books
+ add
+ delete
+ update

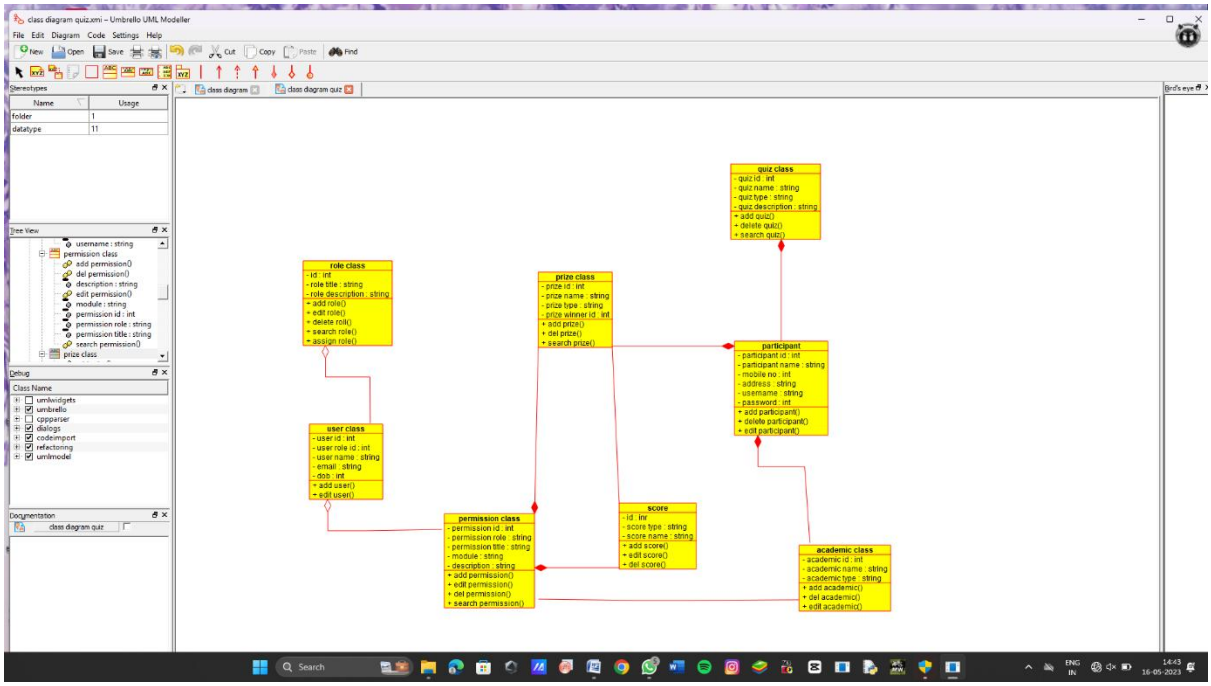
26.


use case resturant.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
class diagram
use case diagram hotel
view profile and gallery
admin login
user login
dining
order
submit order
process order
table booking
payment
cancel booking
admin
customer
staff
reception

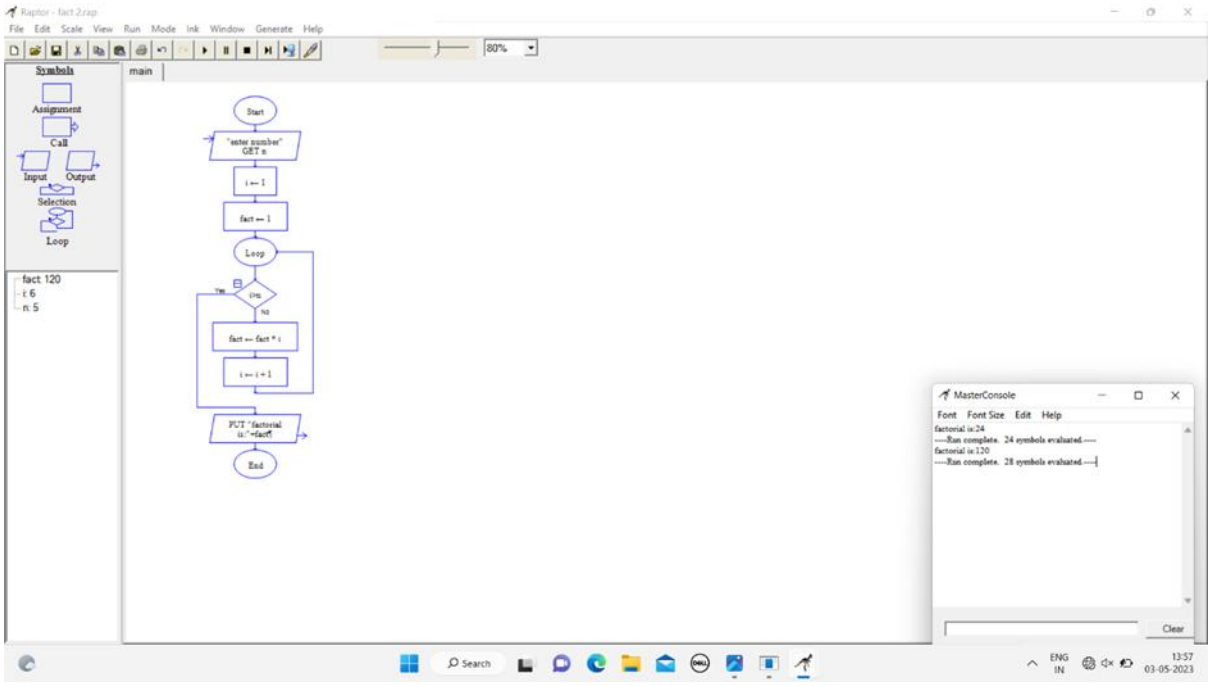
27.


restaurant by class diagram.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
class diagram
Delivery
- Id : ir
- Name : stri
- Date : stri
- Address : str
+ Update
Payment
- Id : ir
- Candnumber :
- Amount :
+ Add
+ Update
Order
- Id : ir
- Details :
- Ordertype : sti
+ ProcessDet
Customer
- Address : str
- Payment
+ Create
Manager
- Id : ir
- Name : stri
- Age : i
- Contactnumber
- Username : str
+ Create
+ Update
Dish
- Id : ir
- Names : stri
+ Add
+ Update
Menu
- Id : ir
- Details : stri
- List : stri
+ Update

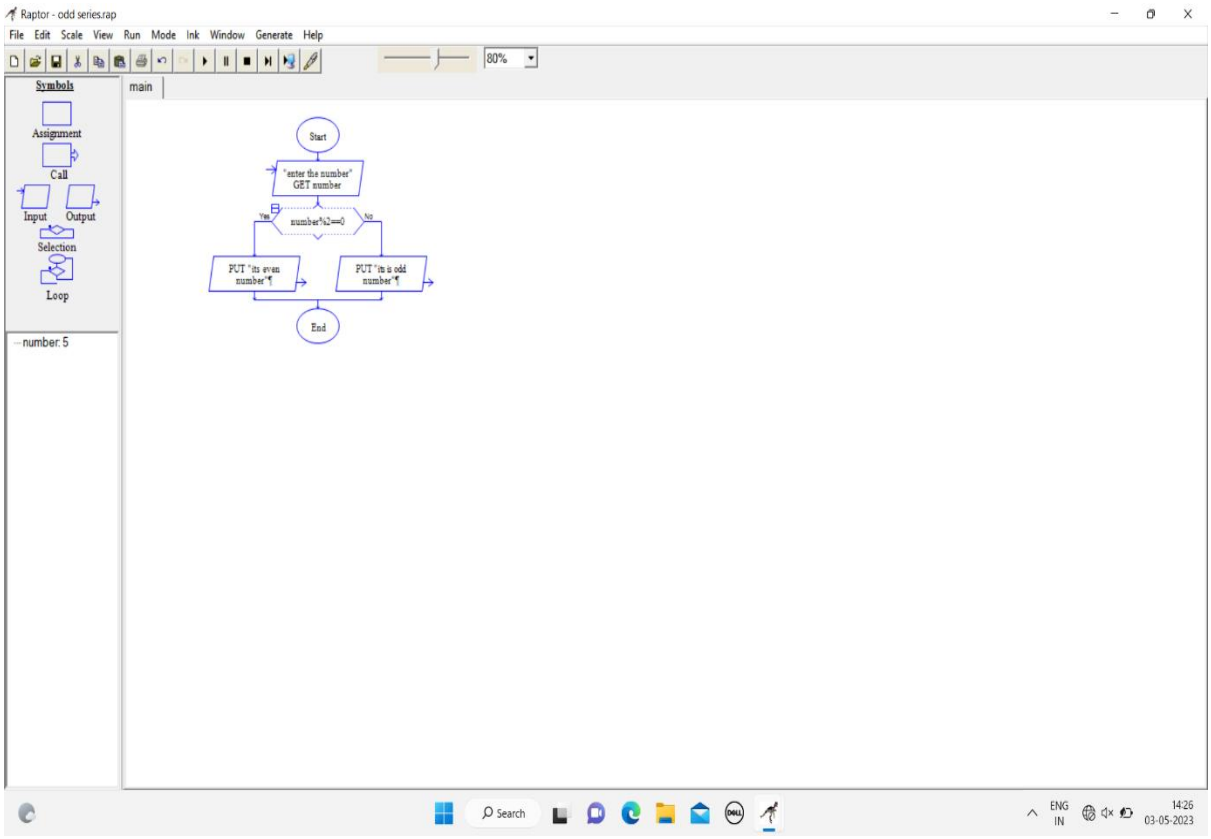
28.


class diagram quiz.xmi – Umbrello UML Modeller
quiz class
role class
prize class
participant
user class
permission class
score
academic class

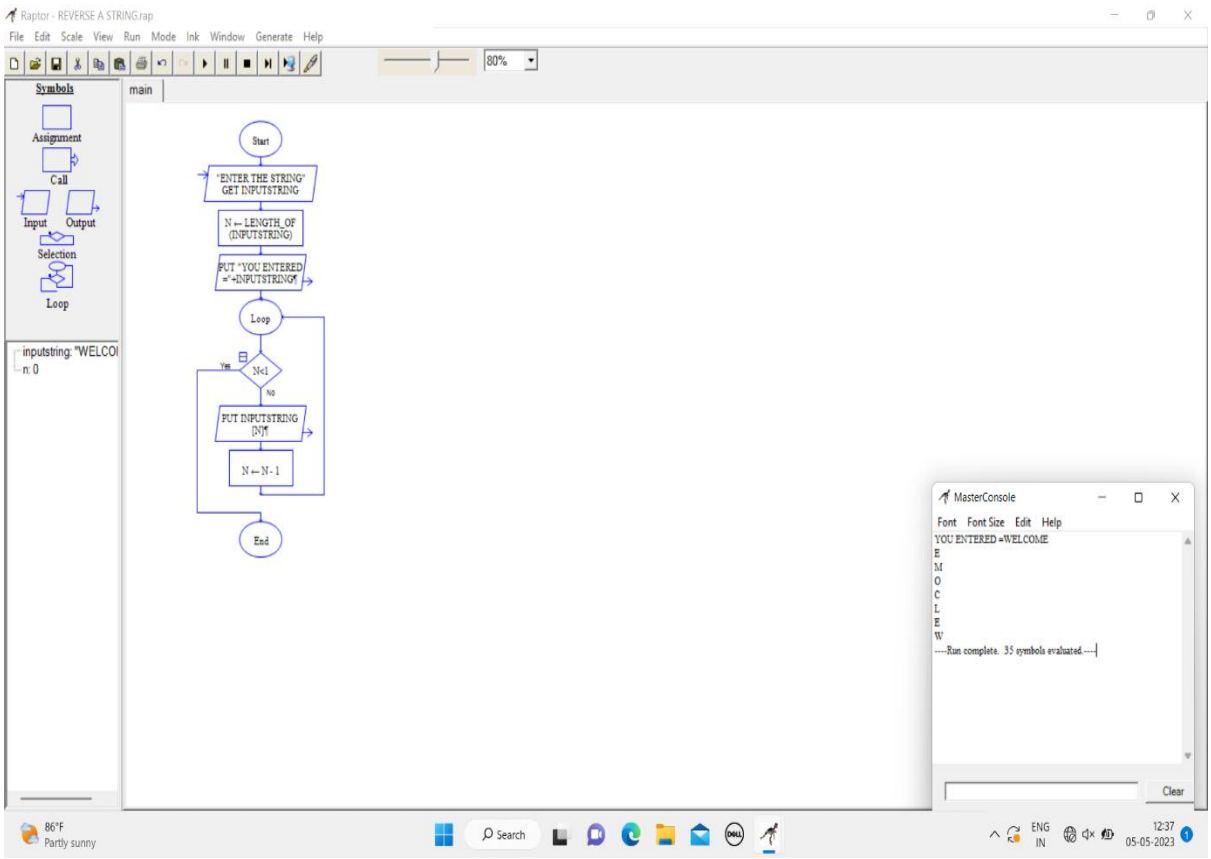
30.


Raptor - fact 2.rap
Symbols
Assignment
Call
Input
Output
Selection
Loop
main
Start
"enter number" GET n
i ← 1
fact ← 1
Loop
i <= n
Yes
No
fact ← fact * i
i ← i + 1
PUT "factorial is:"+fact
End
fact 120
i: 6
n: 5
MasterConsole
Font
Font Size
Edit
Help
factorial is:24
----Run complete. 24 symbols evaluated.----
factorial is:120
----Run complete. 28 symbols evaluated.----
Clear

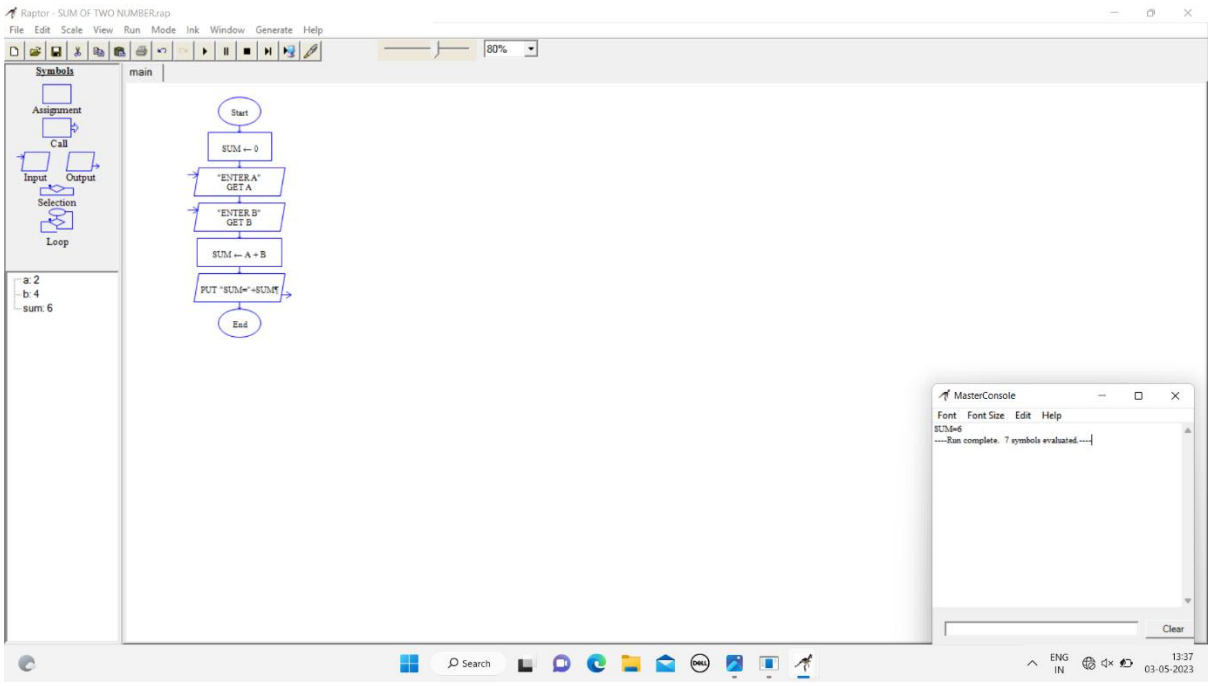
31.


Raptor - odd series.rap
File Edit Scale View Run Mode Ink Window Generate Help
80%
Symbols
Assignment
Call
Input Output
Selection
Loop
main
number: 5
Start
"enter the number"
GET number
number%2==0
Yes
No
PUT "its even number"¶
PUT "its is odd number"¶
End
Search
ENG
IN
14:26
03-05-2023

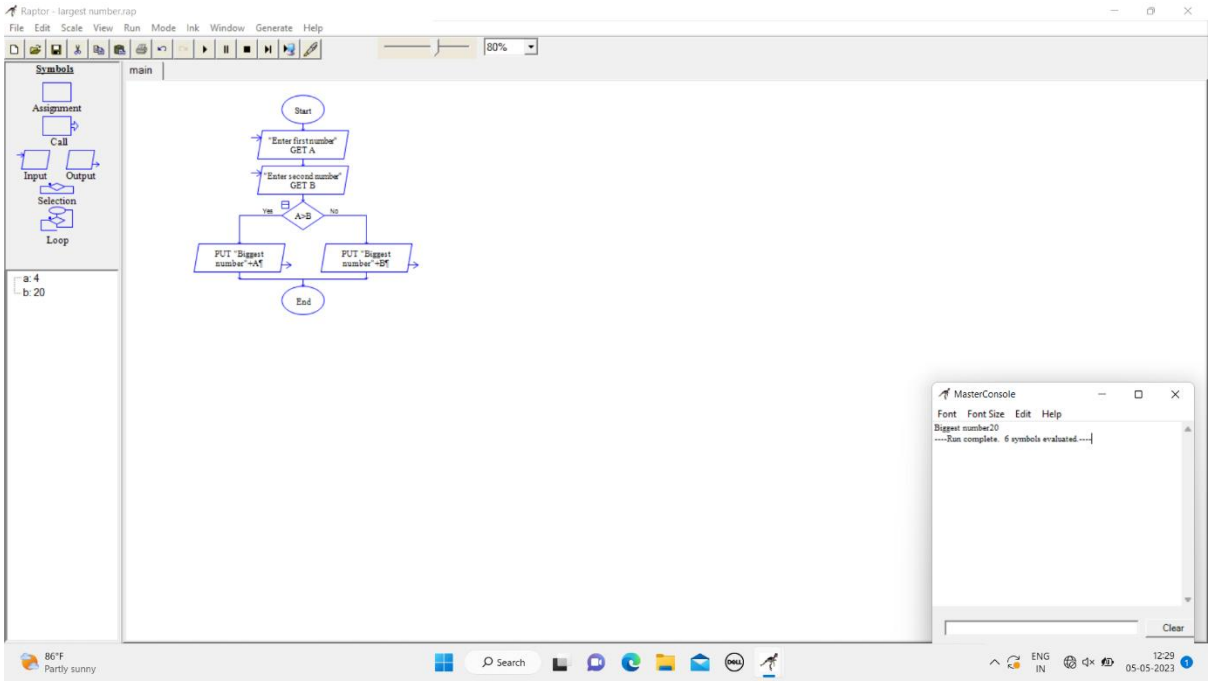
32.


Raptor - REVERSE A STRING.rap
File Edit Scale View Run Mode Ink Window Generate Help
80%
Symbols
Assignment
Call
Input Output
Selection
Loop
main
inputstring: "WELCO
n: 0
Start
"ENTER THE STRING"
GET INPUTSTRING
N ← LENGTH_OF
(INPUTSTRING)
PUT "YOU ENTERED
='+INPUTSTRING¶
Loop
N<1
Yes
No
PUT INPUTSTRING
[N]¶
N ← N - 1
End
MasterConsole
Font Font Size Edit Help
YOU ENTERED =WELCOME
E
M
O
C
L
E
W
----Run complete. 35 symbols evaluated.----
Clear
86°F
Partly sunny
Search
ENG
IN
12:37
05-05-2023

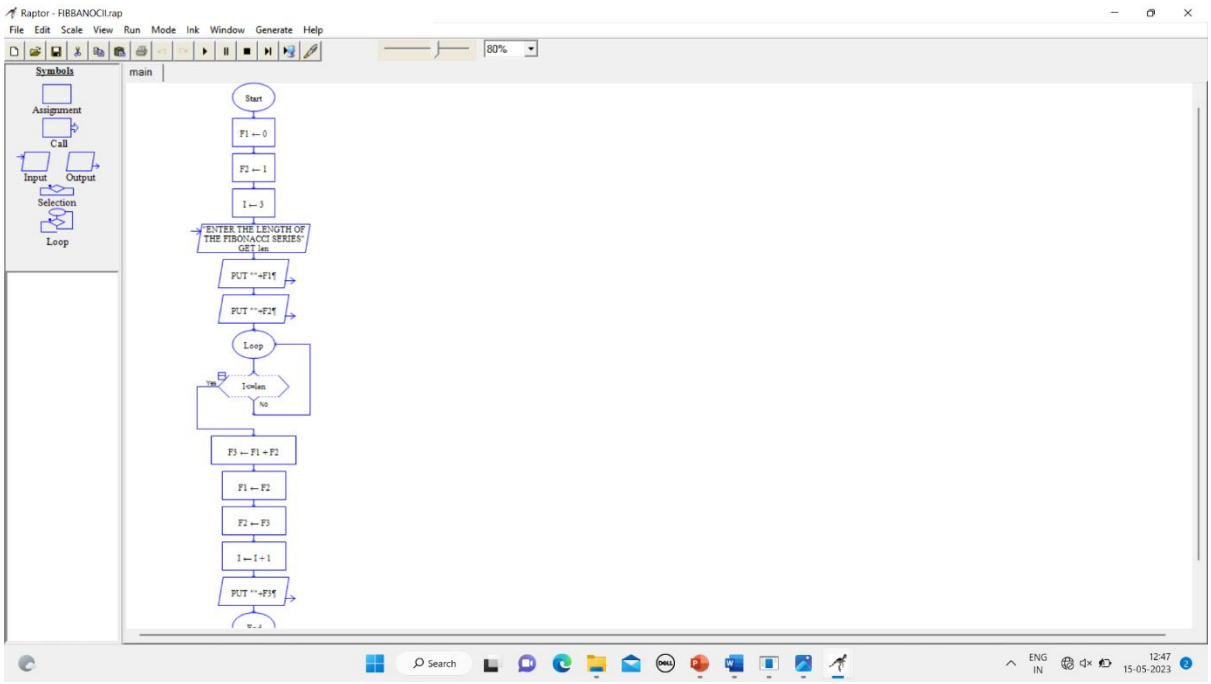
33.


Raptor - SUM OF TWO NUMBER.rap
File Edit Scale View Run Mode Ink Window Generate Help
80%
Symbols
Assignment
Call
Input
Output
Selection
Loop
main
Start
SUM ← 0
"ENTER A"
GET A
"ENTER B"
GET B
SUM ← A + B
PUT "SUM="+SUM
End
a: 2
b: 4
sum: 6
MasterConsole
Font Font Size Edit Help
SUM=6
----Run complete. 7 symbols evaluated.----
Clear
Search
ENG
IN
13:37
03-05-2023

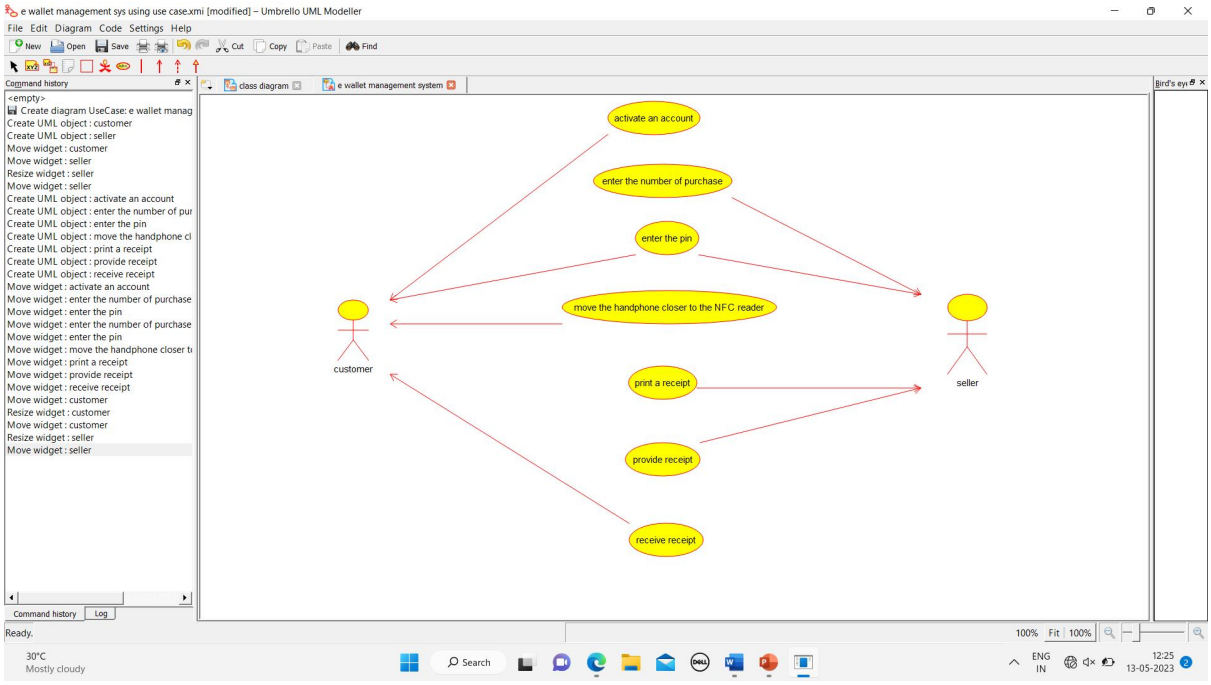
34.


Raptor - largest number.rap
File Edit Scale View Run Mode Ink Window Generate Help
80%
Symbols
Assignment
Call
Input
Output
Selection
Loop
main
Start
"Enter first number"
GET A
"Enter second number"
GET B
A>B
Yes
No
PUT "Biggest number"+A
PUT "Biggest number"+B
End
a: 4
b: 20
MasterConsole
Font Font Size Edit Help
Biggest number20
----Run complete. 6 symbols evaluated.----
Clear
86°F
Partly sunny
Search
ENG
IN
12:29
05-05-2023

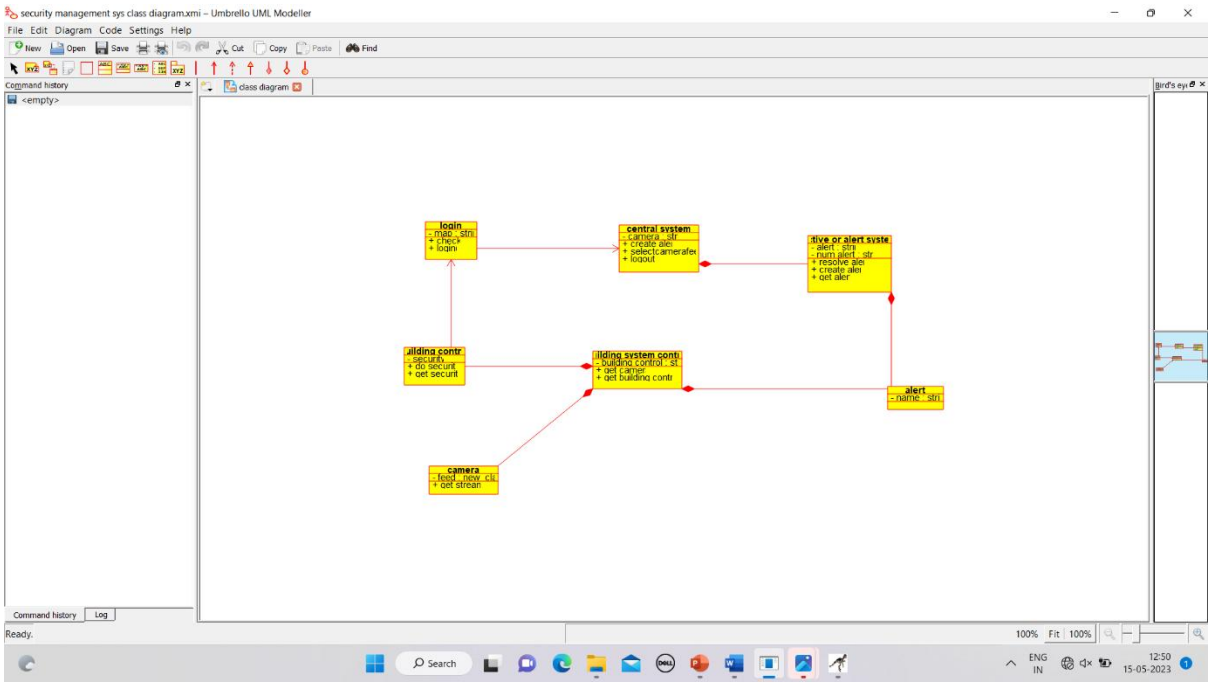
35.


Raptor - FIBBANOCII.rap
File Edit Scale View Run Mode Ink Window Generate Help
Symbols
Assignment
Call
Input
Output
Selection
Loop
main
Start
F1 ← 0
F2 ← 1
I ← 3
"ENTER THE LENGTH OF THE FIBONACCI SERIES" GET len
PUT ""+F1¶
PUT ""+F2¶
Loop
I<=len
Yes
No
F3 ← F1 + F2
F1 ← F2
F2 ← F3
I ← I + 1
PUT ""+F3¶

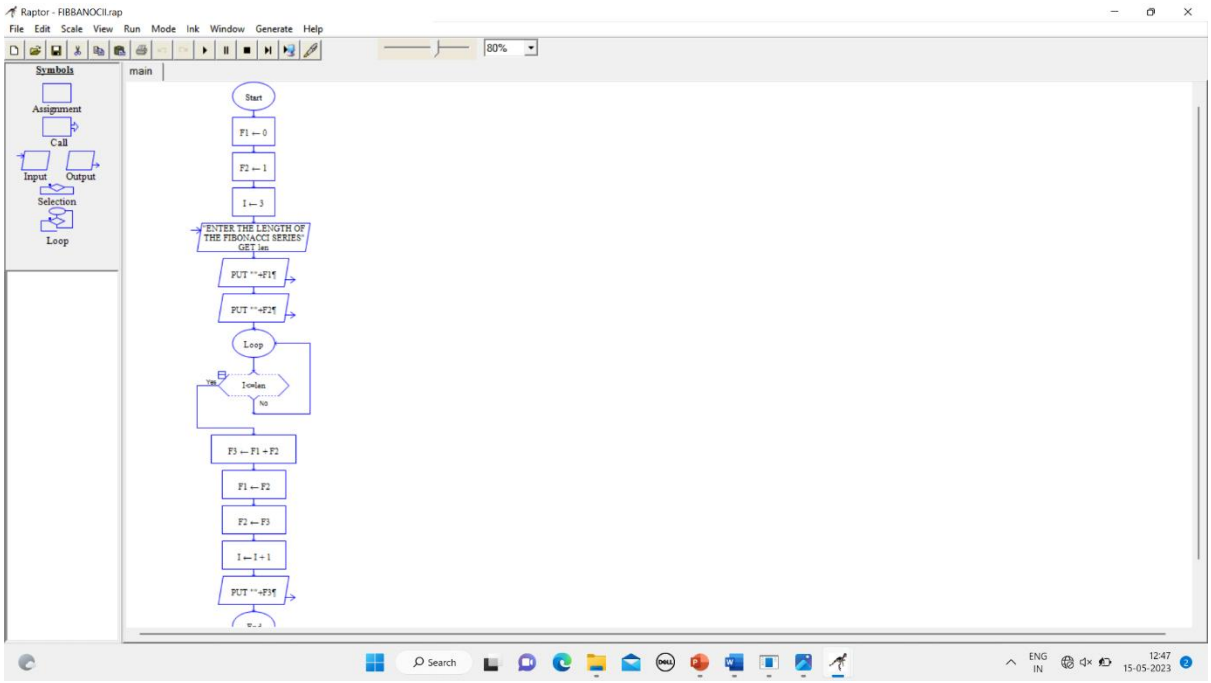
37.


e wallet management sys using use case.xmi [modified] – Umbrello UML Modeller
File Edit Diagram Code Settings Help
New Open Save Cut Copy Paste Find
Command history
class diagram
e wallet management system
Bird's eye
activate an account
enter the number of purchase
enter the pin
move the handphone closer to the NFC reader
print a receipt
provide receipt
receive receipt
customer
seller
Command history
Log
Ready.
100% Fit 100%

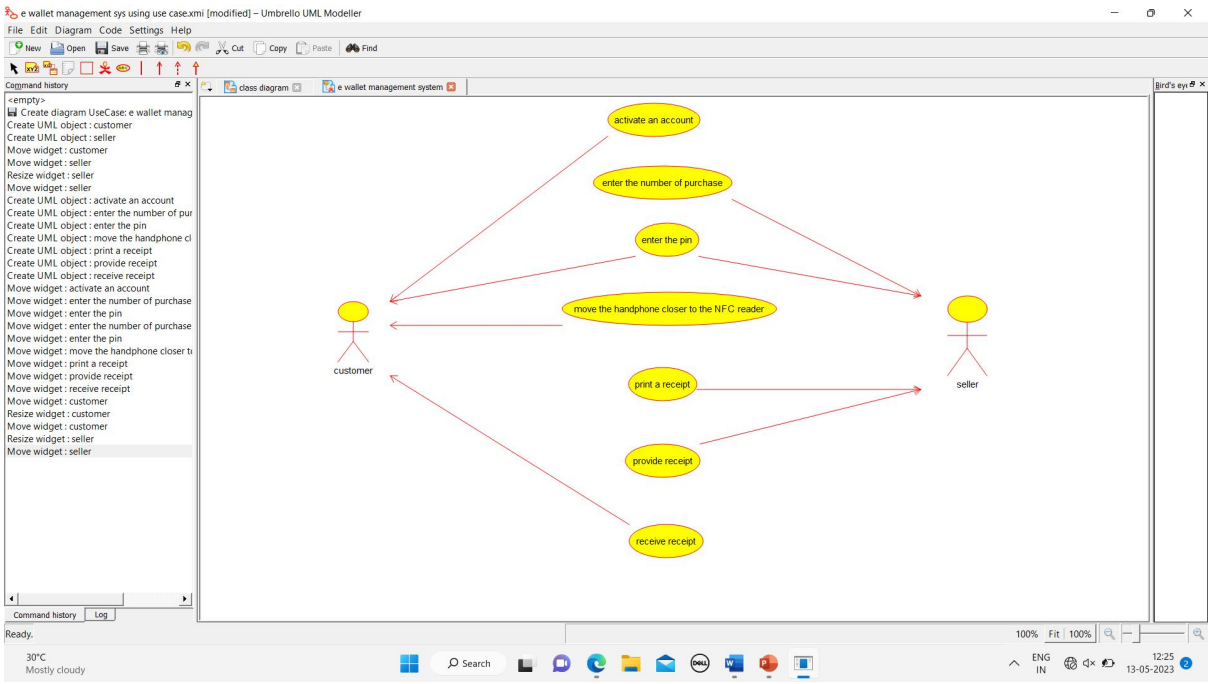
38.


security management sys class diagram.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
class diagram
login
central system
alert
camera
Command history
Log
Ready.

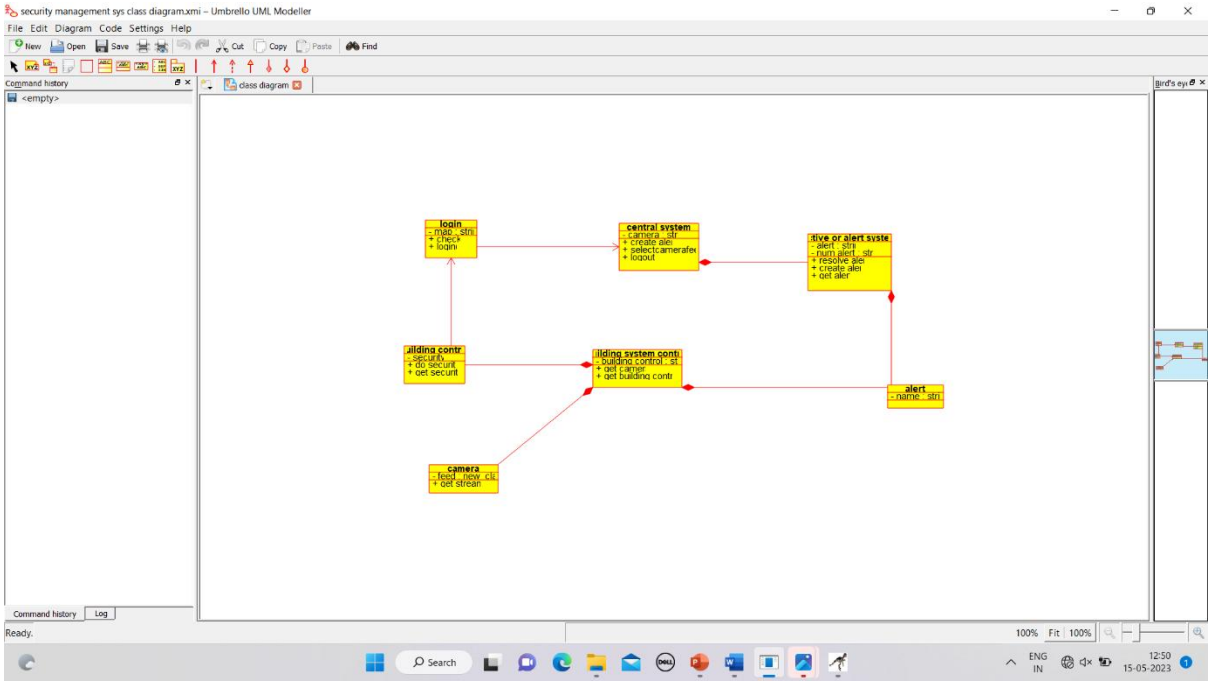
35


Raptor - FIBBANOCII.rap
File Edit Scale View Run Mode Ink Window Generate Help
Symbols
Assignment
Call
Input
Output
Selection
Loop
main
Start
F1 ← 0
F2 ← 1
I ← 3
"ENTER THE LENGTH OF THE FIBONACCI SERIES" GET len
PUT "=F1¶
PUT "=F2¶
Loop
I<=len
Yes
No
F3 ← F1 + F2
F1 ← F2
F2 ← F3
I ← I + 1
PUT "=F3¶

37.


e wallet management sys using use case.xmi [modified] – Umbrello UML Modeller
File Edit Diagram Code Settings Help
New Open Save Cut Copy Paste Find
Command history
<empty>
Create diagram UseCase: e wallet manag
Create UML object : customer
Create UML object : seller
Move widget : customer
Move widget : seller
Resize widget : seller
Move widget : seller
Create UML object : activate an account
Create UML object : enter the number of pur
Create UML object : enter the pin
Create UML object : move the handphone cl
Create UML object : print a receipt
Create UML object : provide receipt
Create UML object : receive receipt
Move widget : activate an account
Move widget : enter the number of purchase
Move widget : enter the pin
Move widget : enter the number of purchase
Move widget : enter the pin
Move widget : move the handphone closer t
Move widget : print a receipt
Move widget : provide receipt
Move widget : receive receipt
Move widget : customer
Resize widget : customer
Move widget : customer
Resize widget : seller
Move widget : seller
Command history
Log
class diagram
e wallet management system
Bird's eye
activate an account
enter the number of purchase
enter the pin
move the handphone closer to the NFC reader
customer
seller
print a receipt
provide receipt
receive receipt
Ready.
100% Fit 100%
30°C
Mostly cloudy
Search
ENG
IN
12:25
13-05-2023

38.


security management sys class diagram.xmi – Umbrello UML Modeller
File Edit Diagram Code Settings Help
New Open Save Cut Copy Paste Find
Command history
<empty>
Command history
Log
class diagram
Bird's eye
login
- mail : stri
+ check
+ login
central system
- camera : str
+ create aler
+ selectcamerafee
+ logout
tive or alert syste
- alert : stri
- num_alert : str
+ resolve ale
+ create aler
+ get aler
ilding contr
- securityi
+ do securit
+ get securit
ilding system conti
- building control : st
+ get camer
+ get building conti
alert
- name : stri
camera
- feed : new : cli
+ get strean
Ready.
100% Fit 100%
Search
ENG
IN
12:50
15-05-2023