APPENDIX 1

Intelligent Seat Allocating System

END TERM REPORT

by

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04 - 2020

APPENDIX 2

Student Declaration

This is to declare that this report has been written by us. No part of the report is copied from other sources. All information included from other sources have been duly acknowledged. We aver that if any part of the report is found to be copied, we are shall take full responsibility for it.

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<<Roll number: A31>>

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<<Roll number: A30>>

Jalandhar

05- 04- 2020

APPENDIX 3

(A typical specimen of table of contents)

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1. Acknowledgement

We would like to express my special thanks of gratitude to my teacher Ms. Jasleen Kaur who gave me the golden opportunity to do this wonderful project on the topic Intelligent Seat Allocating System, which also helped me in doing a lot of Research and we came to know about so many new things I am really thankful to them. Secondly we would also like to thank my parents and friends who helped me a lot in finalizing this project within the limited time frame.

2. Introduction

In this project we are working on Intelligent Seat Allocating System. Intelligent Seat Allocating System is a system where we have to make intelligent System for Seating on the basis of age of people.

Let's discuss in details.

3. What is Intelligent Seat Allocating System?

Intelligent Seat Allocating System is a system in which we make intelligent seating Arrangement for people on the basis of different group Ages as mentioned in the project. There are different categories of person. Like physically Handicapped and people having age Greater than 20 and greater than 45. Those people who are physically handicapped.for these people having different seating Arrangement.those people who are normal they kept in diffrent arrangement.

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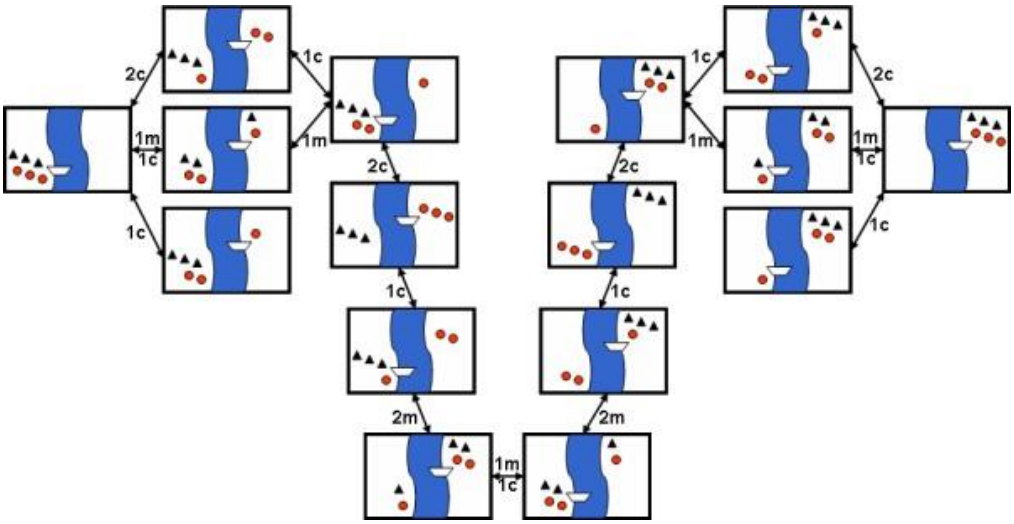
4. Process to solve the problem

First I Take Input from the user .

1. Take name from the user .
2. Print name on the display
3. Take mobile Number from the user.
4. Print mobile Number on the display.
5. Take Age from the user.
6. Print Age on the display.
7. Take Group name from the user.
8. Print display on the display

APPENDIX 7



5. Introduction to Python

Python is a high level, dynamic programming language which is used for this thesis. Python3.4 version was used as it is a mature, versatile and robust programming language. It is an interpreted language which makes the testing and debugging extremely quickly as

there is no compilation step. There are extensive open source libraries available for this version of python and a large community of users.

Python is simple yet powerful, interpreted and dynamic programming language, which is well known for its functionality of processing natural language data, i.e. spoken English using deepcopy.

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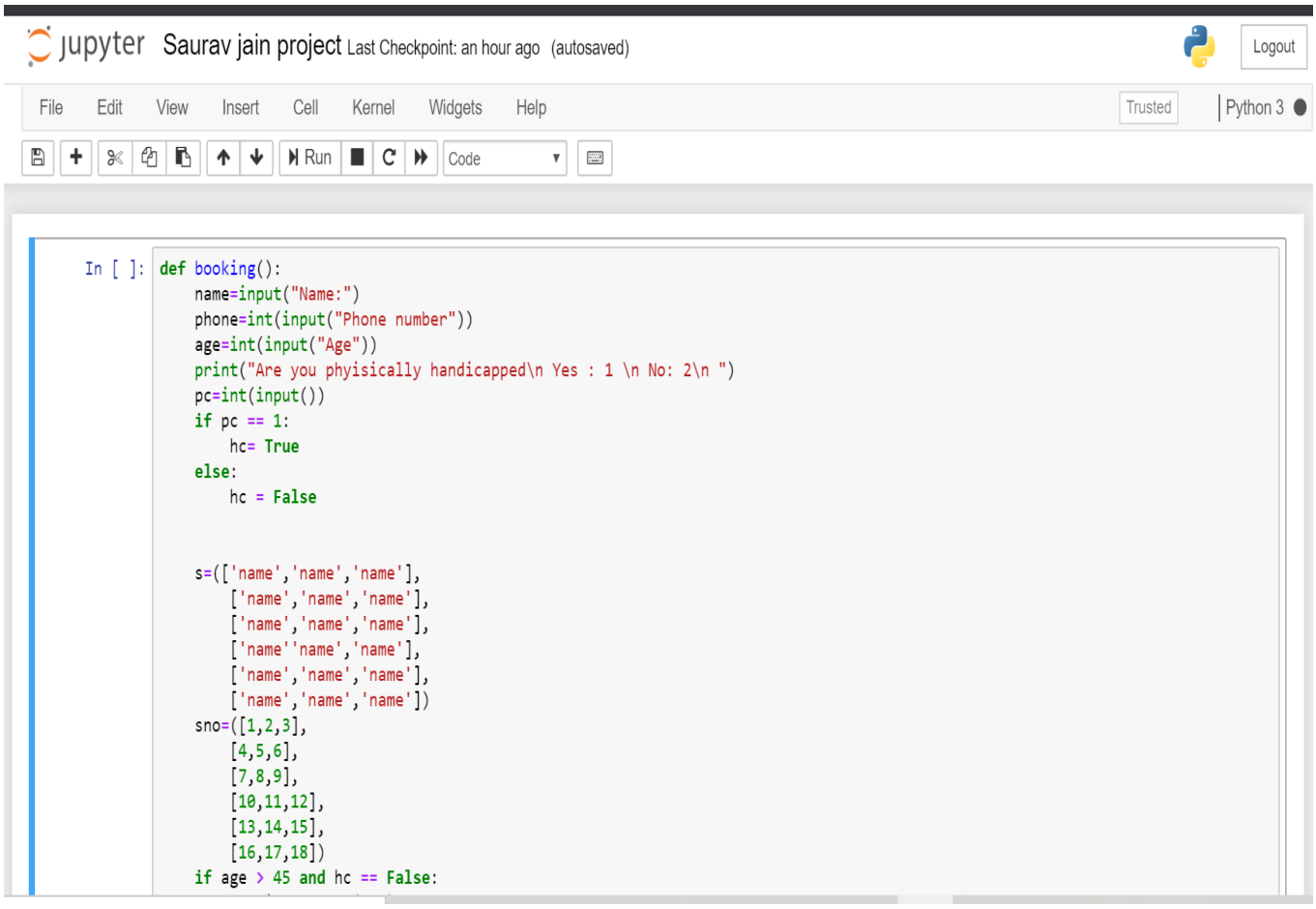
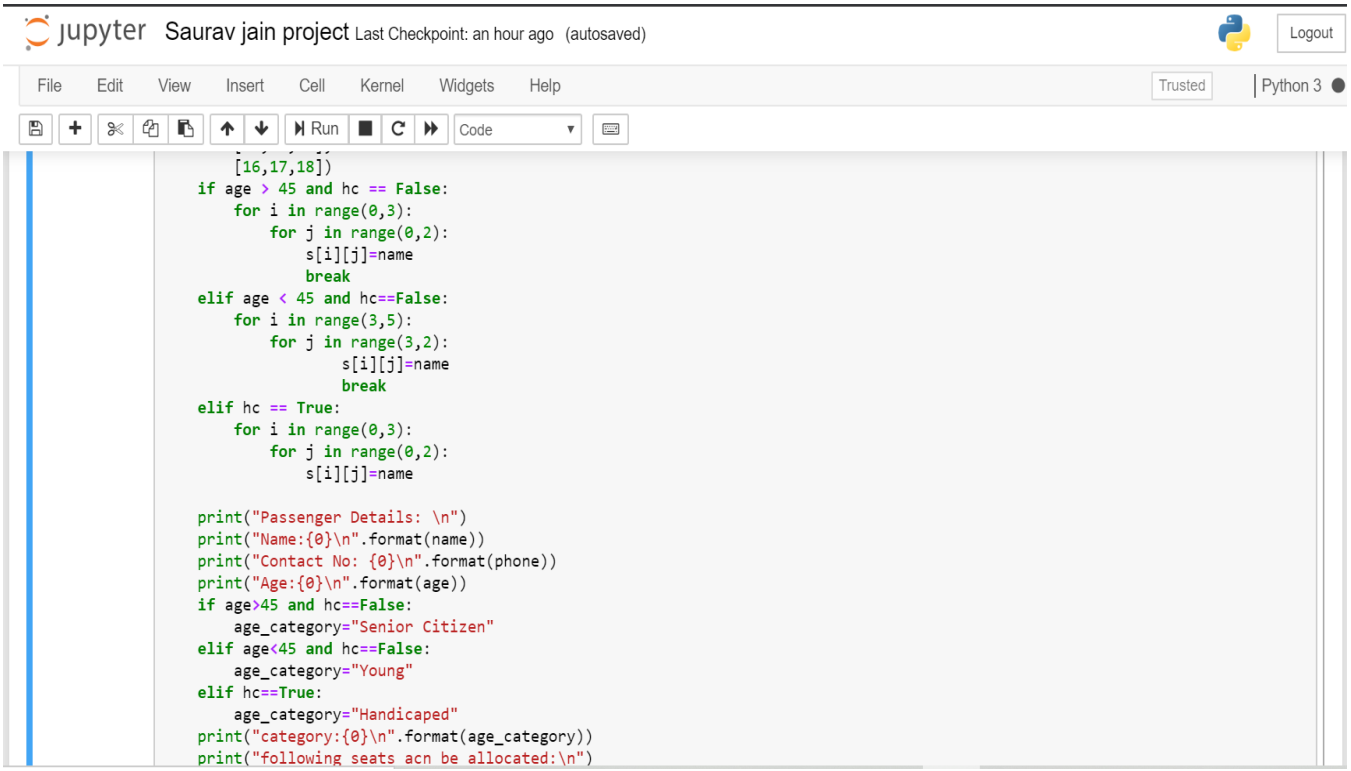
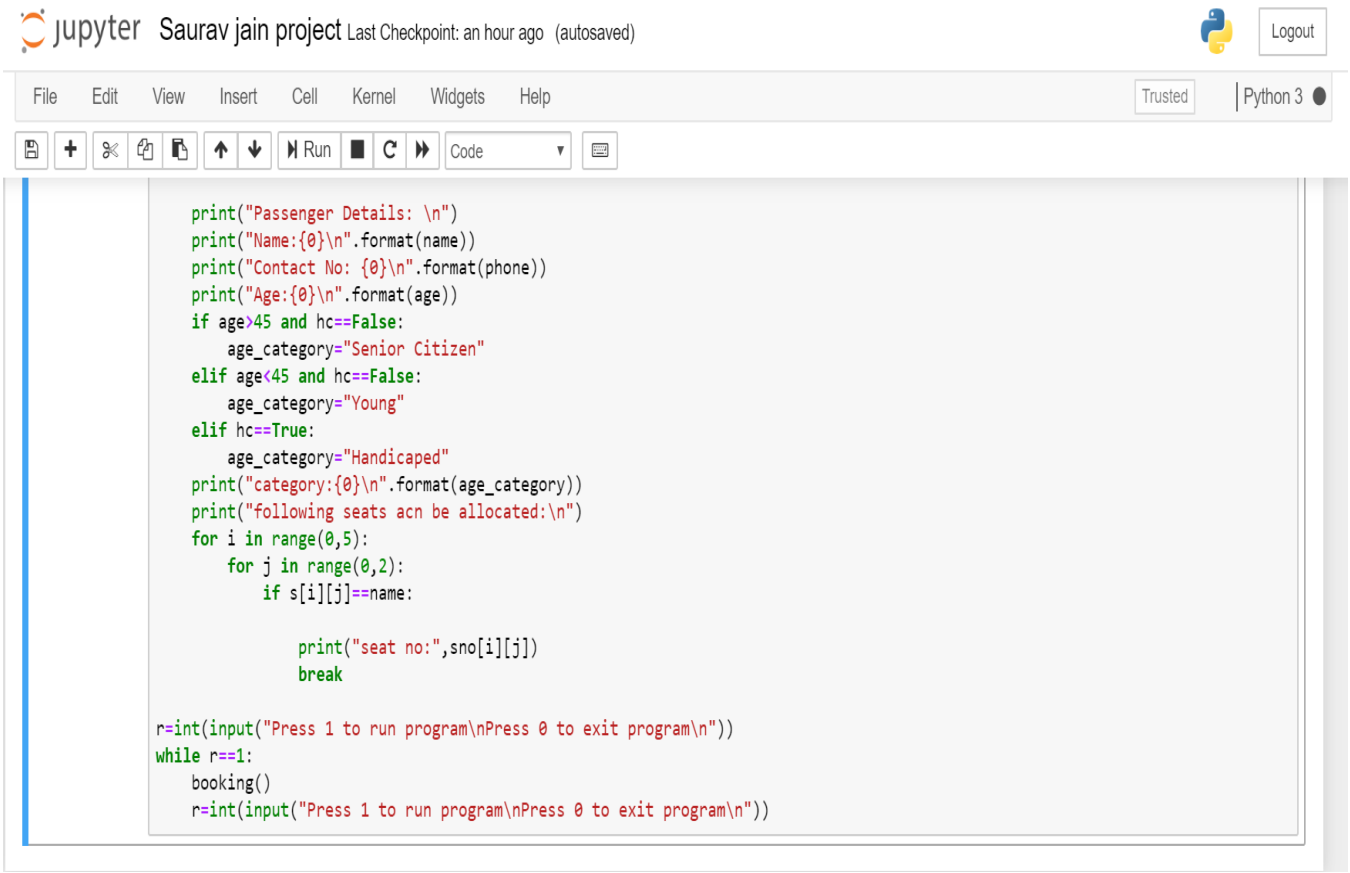
6. Processing code




jupyter Saurav jain project Last Checkpoint: an hour ago (autosaved)
Logout
File Edit View Insert Cell Kernel Widgets Help
Trusted
Python 3
Run
Code
[16,17,18])
if age > 45 and hc == False:
for i in range(0,3):
for j in range(0,2):
s[i][j]=name
break
elif age < 45 and hc==False:
for i in range(3,5):
for j in range(3,2):
s[i][j]=name
break
elif hc == True:
for i in range(0,3):
for j in range(0,2):
s[i][j]=name
print("Passenger Details: \n")
print("Name:{0}\n".format(name))
print("Contact No: {0}\n".format(phone))
print("Age:{0}\n".format(age))
if age>45 and hc==False:
age_category="Senior Citizen"
elif age<45 and hc==False:
age_category="Young"
elif hc==True:
age_category="Handicaped"
print("category:{0}\n".format(age_category))
print("following seats acn be allocated:\n")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Logout
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Python 3
Run
Code
print("Passenger Details: \n")
print("Name:{0}\n".format(name))
print("Contact No: {0}\n".format(phone))
print("Age:{0}\n".format(age))
if age>45 and hc==False:
age_category="Senior Citizen"
elif age<45 and hc==False:
age_category="Young"
elif hc==True:
age_category="Handicaped"
print("category:{0}\n".format(age_category))
print("following seats acn be allocated:\n")
for i in range(0,5):
for j in range(0,2):
if s[i][j]==name:
print("seat no:",sno[i][j])
break
r=int(input("Press 1 to run program\nPress 0 to exit program\n"))
while r==1:
booking()
r=int(input("Press 1 to run program\nPress 0 to exit program\n"))

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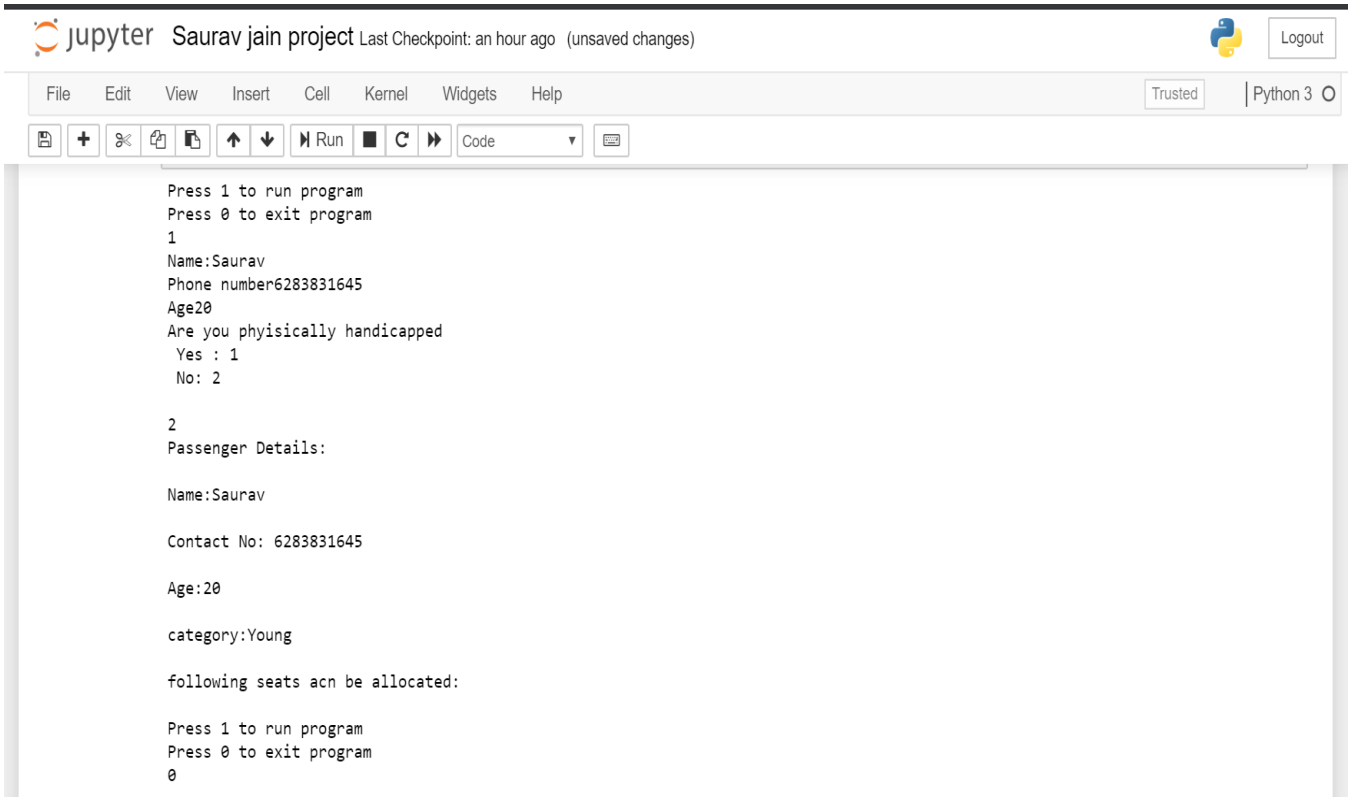
7. Output


jupyter Saurav jain project Last Checkpoint: an hour ago (unsaved changes)
Logout
File Edit View Insert Cell Kernel Widgets Help
Trusted
Python 3
Run
Code
Press 1 to run program
Press 0 to exit program
1
Name:Saurav
Phone number6283831645
Age20
Are you phyisically handicapped
Yes : 1
No: 2
2
Passenger Details:
Name:Saurav
Contact No: 6283831645
Age:20
category:Young
following seats acn be allocated:
Press 1 to run program
Press 0 to exit program
0

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BONAFIDE CERTIFICATE

Certified that this project report "Intelligent Seat Allocating System" is the bonafide work of "Saurav Jain , Piyush Kumar , Sarath Suresh C" who carried out the project work under my supervision.

Signature of the Supervisor
Jasleen Kaur
Ass. Professor
25340
Intelligent system