

MINI Google

A project by

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INTRODUCTION

THIS PROGRAM IS DESIGNED TO HELP PEOPLE. IT WILL SEARCH FOR THE LOCATIONS OF THE NEAREST AVAILABLE SERVICE ACCORDING TO THE NEEDS OF THE USER AND DISPLAYS IT ON THE SCREEN. THE PROGRAM IS SPECIALLY DESIGNED CHANDIGARH AND COVERS ALL MAJOR PLACES FROM SECTOR 1 TO SECTOR 47, CHANDIGARH.

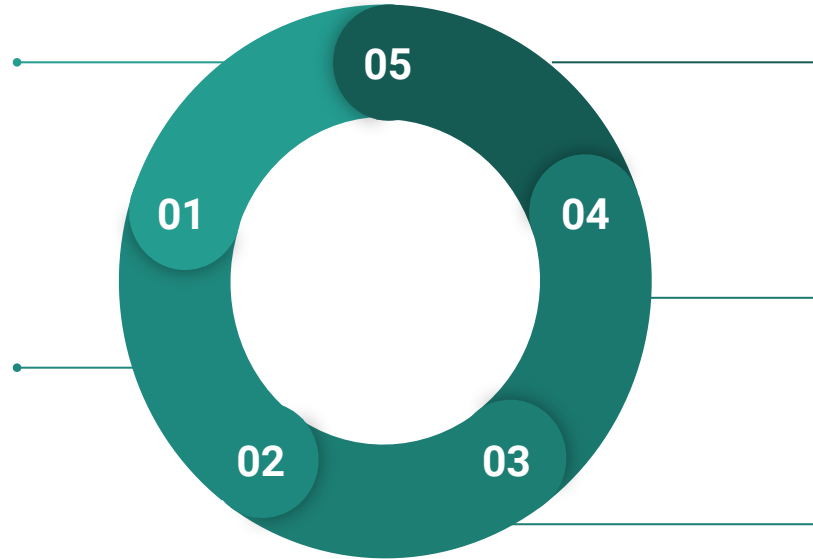
MODULES

TOURIST MODULE

This module consists of all the tourist places in Chandigarh.

HOSPITAL MODULE

This module consists of hospitals in Chandigarh.



HOTEL MODULE

This module consists a list of all the hotels in Chandigarh.

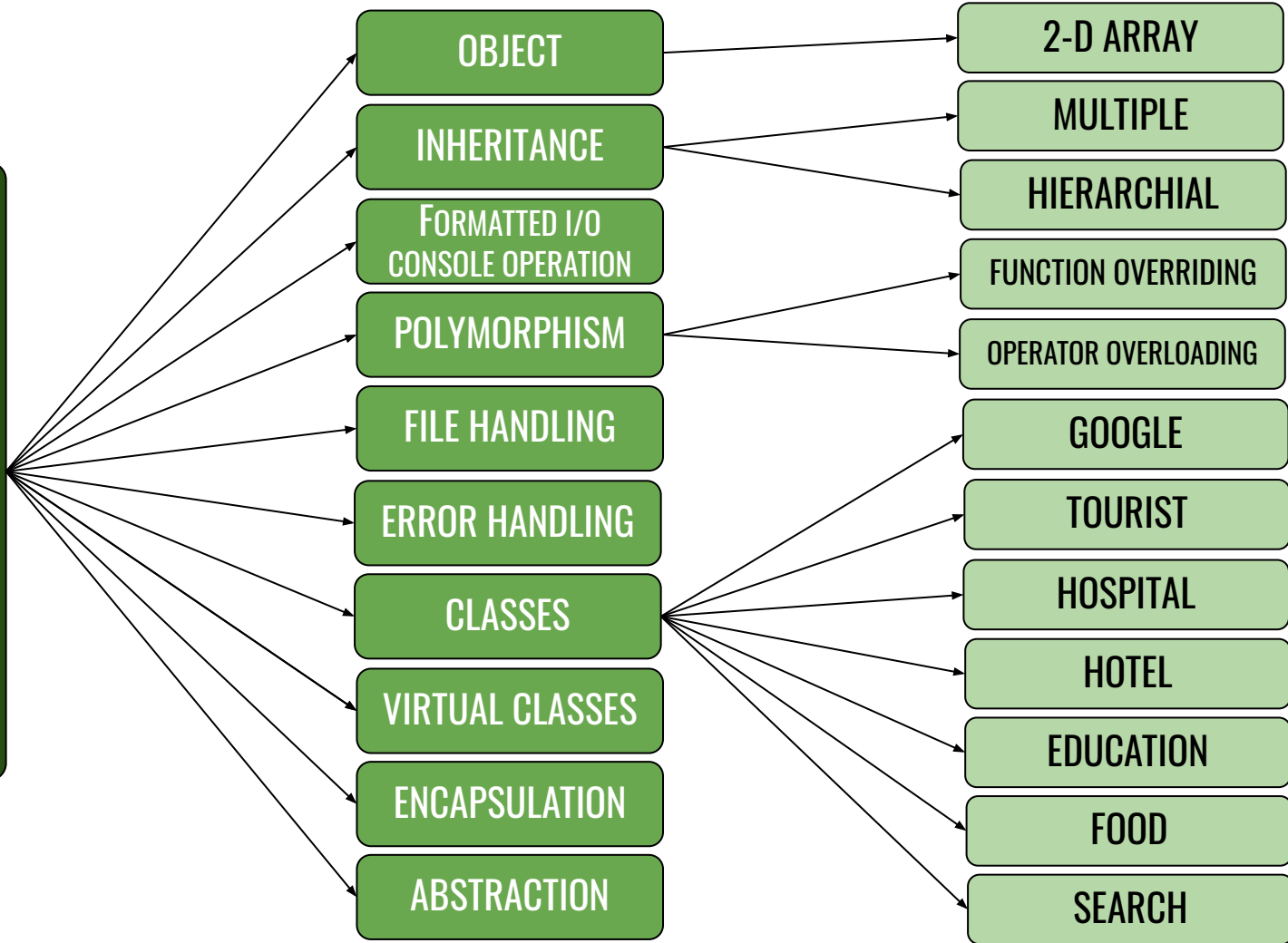
FOOD MODULE

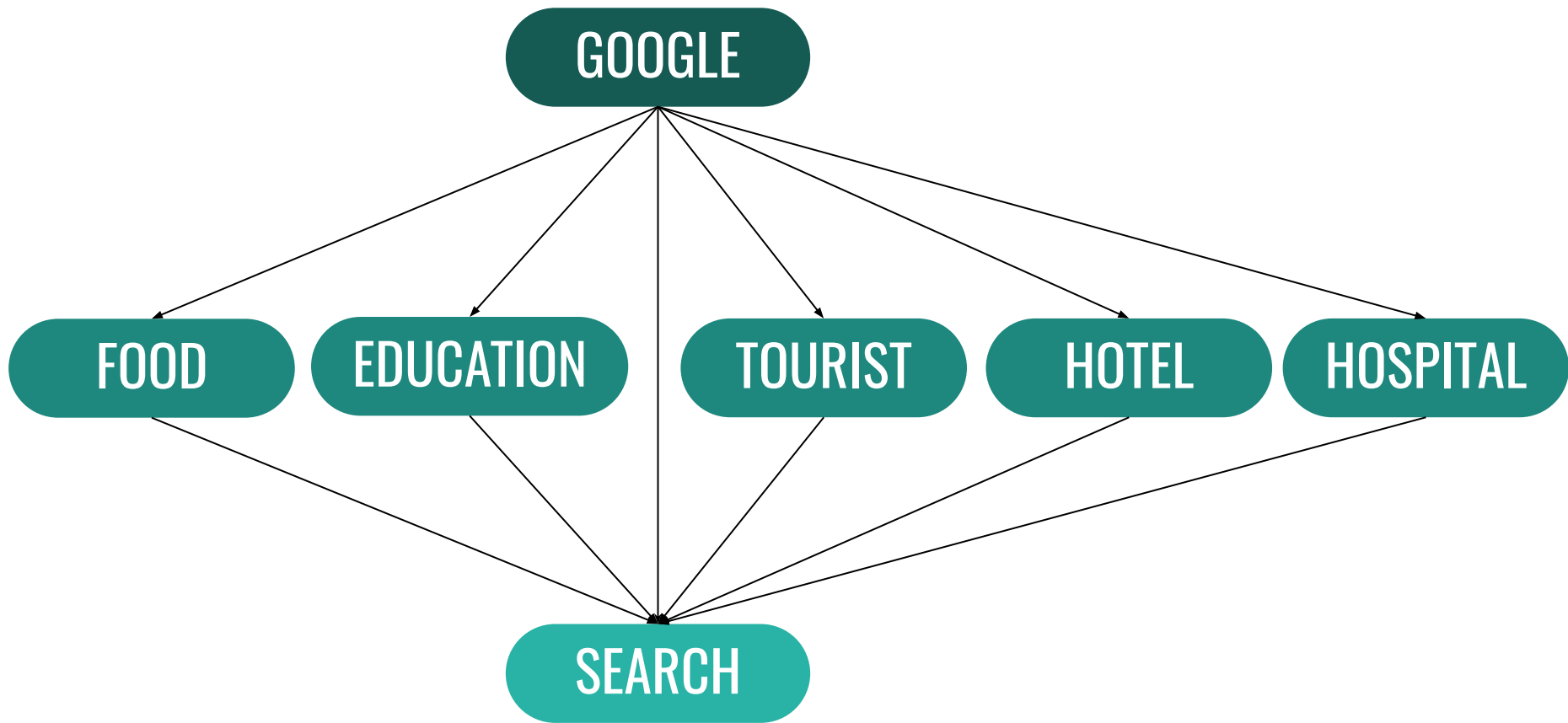
This module consists the various restaurants found in Chandigarh.

EDUCATION MODULE

This module consists of colleges/universities in Chandigarh as well as coaching institutes for entrance exams like CAT, GRE, GATE, NET, etc.

CONCEPTS USED





FEATURES AND WORKING OF THE PROJECT

SECTORS OF CHANDIGARH ARE REPRESENTED IN THE FORM OF A 2D MATRIX. BY CREATING A 2D ARRAY OF OBJECT OF CLASS SEARCH, WHICH IS A DERIVED CLASS FROM ALL OTHER CLASSES, EACH OBJECT REPRESENTS A PARTICULAR SECTOR OF CHANDIGARH.

THE USER IS REQUESTED TO ENTER HIS/HER CURRENT LOCATION, AND WITH THE HELP OF AN ALGORITHM, THE REQUESTED SERVICES FROM THE CURRENT LOCATION AND THE NEARBY LOCATIONS ARE TOGETHER, DISPLAYED ON THE SCREEN.

IN CASE, THE USER ENTERS WRONG INFORMATION, A PROMPT IS PRINTED ON THE SCREEN, MENTIONING THE SAME. THIS IS TAKEN CARE OF, BY ERROR HANDLING.

WE CONVERTED THIS MAP INTO A 2D
ARRAY OF OBJECTS, IN WHICH EACH
OBJECT REPRESENTS A UNIQUE SECTOR.
THE ARRAY CREATED IS DEMONSTRATED
IN THE NEXT SLIDE.



2D ARRAY OF MAP OF CHANDIGARH

NIL	NIL	NIL	NIL	1	NIL	NIL	NIL	NIL
NIL	NIL	2	3	4	5	6	NIL	NIL
NIL	12	11	10	9	8	7	26	NIL
NIL	14	15	16	17	18	19	27	28
NIL	25	24	23	22	21	20	30	29
NIL	38	37	36	35	34	33	32	31
39	40	41	42	43	44	45	46	47



SNAPSHOTS

Enter your current location: 25

Press 3 to find TOURIST Places !
Press 5 to find HOSPITALS !
Press 7 to find HOTELS !
Press 9 to find RESTAURANTS !
Press 11 to find EDUCATIONAL-INSTITUTE !

3

Sector 14

PN Mehra Botanical Garden <https://botany.puchd.ac.in>

4.3

If you want to continue then press - yes

yes

Enter your current location: 35

Press 3 to find TOURIST Places !
Press 5 to find HOSPITALS !
Press 7 to find HOTELS !
Press 9 to find RESTAURANTS !
Press 11 to find EDUCATIONAL-INSTITUTE !

5

Sector 22

Name:Mirchias Laser Eye Clinic

Address:S.C.O 833-34, Sector- 22-A, Opp Parade Ground, Chandigarh

Facility:Exclusive Eye Care Centre

Phone Number:0172 272 0965

Name:Civil Hospital

Address:Sector 22 Market Rd, Sector 22-D, Sector 22, Chandigarh

Facility:Multi-speciality Hospital

Facility:Multi-speciality Hospital
Phone Number:NA

Sector 21
Name:Dr Kochars House of Smiles
Address:1154, Sec 21 B , Chandigarh
Facility:Exclusive Dental Care
Phone Number:093147 93147

Name:Hope Clinic and Maternity Center Pvt. Ltd.
Address:1184, B Road, Opposite Scooter Market Sector- 21 B, Chandigarh
Facility:Maternity Centre
Phone Number:0172 508 7794, 9814013735

Name:Global Health Care Clinic
Address:House No. 2164, Sector 21-C, Chandigarh
Facility:General Hospital
Phone Number:0172 271 2164

Name:ARV Orthopaedic Hospital
Address:2125, Sarovar Path, Sector 21 C, Chandigarh
Facility:Orthopaedic Hospital
Phone Number:0172 400 5596

Sector 36
Name:Neeraj Eye Hospital
Address:SC0-226-36-D , Ground Floor, Sector-36-D, Chandigarh
Facility:Exclusive Eye Care Centre
Phone Number:0172 507 8320

Sector 35
Name:Abhilasha Hospital
Address:Kothi No. 201 Sector- 35 A, Chandigarh
Facility:Gynaecology Centre
Phone Number:0172 260 6557, 9915366444

Name:Bhatia Heart and Diabetes Centre
Address:Kothi Number- 2103, Near Congress Bhawan Sector - 35C, Chandigarh
Facility:Heart and Diabeter Centre
Phone Number:0172 260 0931, 9814117500

Name:Grover Eye Laser & ENT Hospital
Address:140, Sector 35A, Chandigarh
Facility:Exclusive Eye Care Centre
Phone Number:092166 66440

Name:Guru Nanak Multispeciality C Hospital
Address:Dr.P.N.Chhuttani Memorial IMA Complex, 35B, Sector 35, Chandigarh,
Facility:Multi-speciality Hospital
Phone Number:0172 262 0845

Name:Government Dispensary, Sector 35
Address:35C, Sector 35 C, Chandigarh
Facility:Multi-speciality Hospital
Phone Number:NA

Sector 34
Name:Mukat Hospital and Heart Institute
Address:SCO- 47 to 49, Near Passport Office Chandigarh Sector- 34 A, Chandigarh
Facility:Heart Institute
Phone Number:0172 434 4444, 9814609669

Name:Healing Hospital
Address:SCO 18-19, Oppo. Canara bank Sector- 34 A, Chandigarh
Facility:Multi-speciality Hospital
Phone Number:0172 508 8883, 0172 266 7897, 9464343434

Name:Viridi Eye Hospital
Address:SCO 226-227, Sector 34-A, Chandigarh
Facility:Exclusive Eye Care Centre
Phone Number:0172 507 7101

Name:Inscol Hospital
Address:SCO 18-19, Dakshin Marg, Sub. City Center, Sector 34A, Chandigarh
Facility:Multi-speciality Hospital
Phone Number:0172 507 1189

Name:Omni Hospital
Address:SCO- 343 to 345 Sector 34 A, Chandigarh
Facility:Multi-speciality Clinic
Phone Number:0172 500 7500, 9815625992

Name:Nins Brain and Spine Hospital
Address:S.C.O- 341-342 Sector 34 A, Chandigarh
Facility:Neurology Centre
Phone Number:0172 262 2999, 9872968366

Sector 42
Name:Kaushal Hospital
Address:SCO 49, Sector 42 C, Chandigarh
Facility:Multi-speciality Hospital
Phone Number:NA

Sector 44
Name:Chaitanya Hospital
Address:Site No. 1 and 2 Sector 44 C, Chandigarh
Facility:Maternity, Deliveries, Newborn and Childcare Hospital
Phone Number:0172 508 8088, 9815860929

Name:Spiral CT And MRI Centre
Address:Chaitanya Hospital, Sector 44, Sector 50D, Chandigarh
Facility:PET Scan, CT scan, MRI scan, Mammography, USG, DEXA Scan, X- ray
Phone Number:062806 81792

Name:Tricity Dental Clinic
Address:SCO 270 , Sector 44 D, Chandigarh
Facility:Exclusive Dental Care
Phone Number:099885 85847

If you want to continue then press - yes
yes

Enter your current location: 20

- Press 3 to find TOURIST Places !
- Press 5 to find HOSPITALS !
- Press 7 to find HOTELS !
- Press 9 to find RESTAURANTS !
- Press 11 to find EDUCATIONAL-INSTITUTE !

Sector 34
Name:Hotel Orbit-34
Address:SCO 356-357, Sector 34-A, Chandigarh
Landmark:Near Allen Career Institute
Ratings:3
Website:<http://www.hotelorbit34.in/>

Name:The Toy Hotel
Address:SCO 165 - 167, Sector 34-A, Chandigarh
Landmark:Near Shyaam Mall
Ratings:4
Website:<http://www.thetoyhotel.in/>

If you want to continue then press - yes
yes

Enter your current location: 11

Press 3 to find TOURIST Places !
Press 5 to find HOSPITALS !
Press 7 to find HOTELS !
Press 9 to find RESTAURANTS !
Press 11 to find EDUCATIONAL-INSTITUTE !

9

Sector 11
Subway
Booth No 41, Near Barista, Sector, 11D, Chandigarh, 160011
Dine-in Takeaway Delivery
subway.co.in
0172 467 5755
4.1

Cafe Coffee Day - Sector 11 D
SCO- 35, Sector, 11D, Chandigarh, 160011
Dine-in Takeaway
cafecoffeeday.com
NA
4.1

Sector 11
Subway
Booth No 41, Near Barista, Sector, 11D, Chandigarh, 160011
Dine-in Takeaway Delivery
subway.co.in
0172 467 5755
4.1

Cafe Coffee Day - Sector 11 D
SCO- 35, Sector, 11D, Chandigarh, 160011
Dine-in Takeaway
cafecoffeeday.com
NA
4.1

Vaishno Dhaba
Sector 48A Inner Market, 11B, Sector 11, Chandigarh, 160011
Takeaway
NA
NA
4.0

Sector 10
CAFE JC
Coal Depot Complex, Shop No. 2 & 3, 10D, Chandigarh, 160011
Dine-in Takeaway Delivery
NA
0172 463 0666
4.2

Rustic Door
SCO 2, 10D, Sector 10, D, Chandigarh 160011
Dine-in Takeaway Delivery
NA
099539 11222
4.1

CASA BELLA VISTA
533, Udyan Path, 10D, Sector 10, Chandigarh, 160011
Dine-in Takeaway Delivery
is.gd
098166 99663
4.3

The Willow Cafe
Shop No, 01, Azaadi Rte, 10D, Sector 10, Chandigarh, 160010
Dine-in Takeaway Delivery

084370 43234

4.3

Nescafe

10D, Sector 10, Chandigarh, 160011

Takeaway

NA

NA

5.0

India Coffee House

Takeaway

2nd floor, 10D, Sector 10, Chandigarh, 160011

NA

NA

2.0

Sector 14

Backhouse Restaurant

Additional New Shopping Complex Near Gate no 2, Chandigarh Located in: Panjab University

Dine-in Takeaway Delivery

NA

070268 00000

4.1

Raj Eatery

Madhya Marg, Panjab University, Sector 14, Chandigarh, 160014

Takeaway

NA

NA

3.9

Nescafe, PU library

Library Road,, Panjab University, Sector 14, Chandigarh, 160014

Takeaway

NA

NA

4.1

Nescafe

Student center building, Panjab University, Sector 14, Chandigarh, 160014

Takeaway

NA

NA

4.1

STU-C

Student Centre, Panjab University, Sector 14, Chandigarh, 160014

Dine-in Takeaway

Student Centre, Panjab University, Sector 14, Chandigarh, 160014
Dine-in Takeaway
NA
NA
4.0

Shama Dhaba Dhanaas
Dhanas Main Rd, Dhanas,sector 14 west, Chandigarh, 160014
Dine-in Takeaway Delivery
NA
090239 98275
4.2

Mehak rasoi and fast food
scf 15, Milk Colony, HBC, Dhanas, Chandigarh, 160014
Dine-in Takeaway Delivery
NA
098783 31566
4.1

Sector 15
Hungroo
Patel Market, 15D, Sector 15, Chandigarh, 160015
Dine-in Takeaway Delivery
NA
087259 35201
4.3

Shri Ganesh South Indian food
Unnamed Road, 15C, Sector 15, Chandigarh, 160015
Takeaway
NA
NA
4.7

Adhikari Chinese Food
Booth No.238, Patel Market, 15D, Sector 15, Chandigarh, 160015
Dine-in Takeaway Delivery
NA
NA
4.0

Classic 44
Shop No. 48, 15D, Sector 15, Chandigarh, 160015
Takeaway
NA
NA
4.2

Domino's Pizza
Ground and First SCO-29 Sector 15C, Chandigarh 160015
Dine-in Curbside pickup Delivery
m.dominos.co.in
0172 506 5534
4.3

Punjabi dhaba
Booth No:363, Patel Market, 15-D, Sector 15, Chandigarh, 160015
Dine-in Takeaway
NA
NA
4.0

Roll Nation
Shop No 88, 15D, Sector 15, Chandigarh, 160015
Takeaway Delivery
NA
NA
2.3

Kev Cakes Chandigarh
3319, 15D, Sector 15, Chandigarh, 160015
Takeaway Delivery
NA
076960 01011
5.0

Boss Ka Kitchen
3506, Vidya Path, 15D, Sector 15, Chandigarh, 16001
Takeaway
NA
098785 14619
4.0

Kabul Express
Shop No-35, 15D, Sector 15, Chandigarh, 160015
Dine-in Takeaway Delivery
NA
098764 64491
4.1

Sector 16
Jumeirah Restaurant
SCO 83, 84, Udyan Path, Sector 16 D, Sector 16, Chandigarh, 160016
Dine-in Takeaway Delivery
NA
092177 80780

Rubabi Restaurant
Booth No. 9, Sector 16 D, Sector 16, Chandigarh, 160015
Dine-in Takeaway
NA
NA
4.5

The Hotspot
SCO 10, Sector 16 A, Sector 16, Chandigarh, 160015
Dine-in Drive-through Delivery
NA
087289 45090
4.5

Caf|~ Coffee Day
SCF 84, Sector 16 D, Sector 16, Chandigarh, 160015
Dine-in Takeaway Delivery
cafecoffeeday.com
1800 102 5093
4.2

French Press Cafe
SCO-17, Sector 16 D, Sector 16, Chandigarh, 160015
NA
NA
0172 507 3183
4.1

Jumeirah Restaurant
SCO 83, 84, Udyan Path, Sector 16 D, Sector 16, Chandigarh, 160016
Dine-in Takeaway Delivery
NA
092177 80780
4.0

Verka Milk Bar
Track, 16B, Sector 16, Chandigarh, 160015
NA
verka.coop
NA
3.7

If you want to continue then press - yes
yes

Enter your current location: 14

If you want to continue then press - yes
yes

Enter your current location: 14

- Press 3 to find TOURIST Places !
- Press 5 to find HOSPITALS !
- Press 7 to find HOTELS !
- Press 9 to find RESTAURANTS !
- Press 11 to find EDUCATIONAL-INSTITUTE !

11

Enter what you want to find in eduaction module
Press: C for colleges/universities
Press: IIT-JAM for coaching institute for IIT JAM
Press: GMAT for coaching institute for GMAT
Press: GRE for coaching institute for GRE
Press: NET for coaching institute for ugc-net and csir
Press: CAT for coaching institute for MBA entrance exam
Press: UPSC for coaching institute for IAS exam
C
Name:National Institute Of Nursing Education
Address:PGIMER, Sector 12, Chandigarh
website:https://pgimer.edu.in/PGIMER_PORTAL/PGIMERPORTAL/home.jsp

Name:Chandigarh College of Architecture
Address:Vidya Path, Sector 12 D, Chandigarh
website:<http://cca.edu.in/home>

Name:Punjab Engineering College (Deemed to be University)
Address:Sector 12, Chandigarh
website:<https://pec.ac.in>

Name:Computer Science Department (PEC)
Address:Sector 12, Chandigarh
website:<https://pec.ac.in/cse>

Name:Post Graduate Institute of Medical Education & Research
Address:Madhya Marg, Sector 12, Chandigarh
website:https://pgimer.edu.in/PGIMER_PORTAL/PGIMERPORTAL/home.jsp

Name:Post Graduate Government College

Name:Post Graduate Government College
Address:Madhya Marg, Sector 11D, Chandigarh
website:<https://www.gc11.ac.in>

Name:National Institute Of Open Schooling
Address:YMCA Complex, Sector-11C, Chandigarh
website:<https://nios.ac.in>

Name:Government Central Craft Institution For Women
Address:Sector 11C, Chandigarh
website:NA

Name:Punjab University Chandigarh
Address:Sector 14, Chandigarh
website:<https://www.puchd.ac.in>

Name:University Institute of Legal Studies
Address:Punjab University, Sector 14, Chandigarh
website:<https://uils.puchd.ac.in>

Name:University Business School
Address:Arts Block III, Madhya Marg, Punjab University, Sector 14, Chandigarh
website:<https://www.ubs.puchd.ac.in>

Name:University School of Open Learning
Address:Suraj Bhan Hall, Near Guru Tegh Bahadur Bhawan, Punjab University, Sector 14, Chandigarh
website:<https://usol.puchd.ac.in>

Name:University Institute of Engineering & Technology
Address:South Campus, Punjab University, Chandigarh Rd, Sector 25, Chandigarh,
website:<https://uiet.puchd.ac.in>

Name:Dr. Harvansh Singh Judge Institute of Dental Sciences
Address:Near UIET, Punjab University south campus, Sector 25, Chandigarh
website:<https://dentalsciences.puchd.ac.in>

Name:Department Of Microbiology (PU)
Address:Sector 25, Chandigarh
website:<https://microbiology.puchd.ac.in>

Name:Panjab University Chandigarh
Address:Sector 14, Chandigarh
website:<https://www.puchd.ac.in>

Name:University Institute of Legal Studies
Address:Panjab University, Sector 14, Chandigarh
website:<https://uils.puchd.ac.in>

Name:University Business School
Address:Arts Block III, Madhya Marg, Panjab University, Sector 14, Chandigarh
website:<https://www.ubs.puchd.ac.in>

Name:University School of Open Learning
Address:Suraj Bhan Hall, Near Guru Tegh Bahadur Bhawan, Panjab University, Sector 14, Chandigarh
website:<https://usol.puchd.ac.in>

Name:University Institute of Engineering & Technology
Address:South Campus, Panjab University, Chandigarh Rd, Sector 25, Chandigarh,
website:<https://uiet.puchd.ac.in>

Name:Dr. Harvansh Singh Judge Institute of Dental Sciences
Address:Near UIET, Panjab University south campus, Sector 25, Chandigarh
website:<https://dentalsciences.puchd.ac.in>

Name:Department Of Microbiology (PU)
Address:Sector 25, Chandigarh
website:<https://microbiology.puchd.ac.in>

Name:Department of Biotechnology (PU)
Address:Sector 25, Chandigarh
website:<https://www.biotechnology.puchd.ac.in>

If you want to continue then press - yes
yes

Enter your current location: 34

- Press 3 to find TOURIST Places !
- Press 5 to find HOSPITALS !
- Press 7 to find HOTELS !
- Press 9 to find RESTAURANTS !
- Press 11 to find EDUCATIONAL-INSTITUTE !

11

Enter what you want to find in eduaction module

Press: C for colleges/universities

Press: IIT-JAM for coaching institute for IIT JAM

Press: GMAT for coaching institute for GMAT

Press: GRE for coaching institute for GRE

Press: NET for coaching institute for ugc-net and csir

Press: CAT for coaching institute for MBA entrance exam

Press: UPSC for coaching institute for IAS exam

GMAT

Name:Career Launcher

Address:2nd floor, 451-452, Sector 35C, Chandigarh

website:<https://www.careerlauncher.com/chandigarh/>

Name:CaddMUS

Address:S.C.0-5 Top Floor Next to Gurudwara Sahib, Sector 34 C, Chandigarh

website:NA

Name:Bulls Eye

Address:4th floor, SCO, 226-227, above Virdi Eye Hospital, Sector 34A, Chandigarh

website:<https://www.hitbullseye.com>

Name:IMS

Address:SCO 218-219 4th Floor, Sector 34A, Chandigarh

website:<https://www.imsindia.com>

If you want to continue then press - yes

yes

Enter your current location: █

Enter your current location: 12

- Press 3 to find TOURIST Places !
- Press 5 to find HOSPITALS !
- Press 7 to find HOTELS !
- Press 9 to find RESTAURANTS !
- Press 11 to find EDUCATIONAL-INSTITUTE !

111

Please enter VALID choice

If you want to continue then press - yes
yes

Enter your current location: 7

- Press 3 to find TOURIST Places !
- Press 5 to find HOSPITALS !
- Press 7 to find HOTELS !
- Press 9 to find RESTAURANTS !
- Press 11 to find EDUCATIONAL-INSTITUTE !

3

Sector 6		
Chandigarh Golf Club	https://www.chandigarhgolfclub.in	4.5
Sector 8		
Azaadi Route	NA	NA
Sector 26		
Butterfly Park	https://www.chandigarhforest.gov.in/butterfly-park/	4.1
Sector 19		
Christ The King Cathedral	NA	4.5
Le Corbusier Center	http://www.chandigarhtourism.gov.in/lcc/index.html	4.4

If you want to continue then press - yes
no

PROGRAM ENDS

LINK TO SOURCE-CODE (GITHUB) :

[HTTPS://GITHUB.COM/GURSHAAN7/MINI-GOOGLE.GIT](https://github.com/GURSHAAN7/MINI-GOOGLE.GIT)





THANK YOU