## Compiling:

Store main.cpp and student\_data.txt in same directory and compile using any c++ compiler with c++14 and above.

## Output:

Load Success							
Enter Choice							
1.Insert							
2.Delete							
3.Search							
4.Update							
5.Display							
5.DISPIAY							
5		1.44.00000					
ID	Name	Address	Mail	Phone	Course	Branch	DOB
02	Aayushi	Delhi	aayushi@gmail.com	7022773055	BE	CS	7/10/2000
10	Arya	Mysuru	arya@gmail.com	9865321458	MS	CS	27/02/2000
17	Kartik	Kumta	kartiknnayak2000@gmail.com	7022773055	BE	CS	26/08/2000
18	Keerthana	Gauribidanur	keerthana@gmail.com	9854126758	BE	CS	11/07/2000
21	Narayan	Karwar	narayan@gmail.com	8569741256	PHD	CS	16/05/2000
23	Pareekshith	Mysuru	pareekshithjain@gmail.com	8745213659	BE	IS	
26							21/07/2000
26	Prateek	Mysuru	prateekc@gmail.com	9865326598	BE	IS	27/09/2000
27	Kiran	Mysuru	kiran@gmail.com	8653214586	PHD	CS	08/01/2001
30	Rajath	Mysuru	rajathrrao@gmail.com	7052145685	MS	CS	16/06/2000
32	Rishitha	Mysuru	rishitha@gmail.com	8569741232	BE	CS	08/11/2000
40	Shriya	Hyderabad	shriya@gmail.com	7022773055	BE	CS	26/08/2000
51	Vidyasagar	Shivmoga	vidyasagar@gmail.com	9865412875	BE	EC	14/05/2000
Enter Choice							
1.Insert							
2.Delete							
3.Search							
4.Update							
5.Display							
1							
Enter ID							
01							
Enter Name							
abc							
Enter Addres	5						
bengaluru							
Enter Mail							
abc@gmail.co							
	m						
Enter Phone							
7022776045							
Enter Course							
PHD							
Enter Branch							
IS							
Enter DOB(dd	/mm/vvvv)						
26/05/1998							
Enter Choice							
1.Insert							
2.Delete							
March Street Street							
3.Search							
4.Update							
5.Display							

Enter DOB(dd/mm/yyyy) 26/05/1998				
Enter Choice:				
1.Insert 2.Delete				
3.Search				
4.Update				
5.Display 5				
ID Name Address Mail	Phone	Course	Branch	DOB
01 abc bengaluru abc@gmail.com	7022776045	PHD	IS	26/05/1998
02 Aayushi Delhi aayushi@gmail.com	7022773055	BE	CS	7/10/2000
10 Arya Mysuru arya@gmail.com 17 Kartik Kumta kartiknnayak2000@gmail.com	9865321458	MS BE	CS CS	27/02/2000
17 Kartik Kumta kartiknnayak2000@gmail.com 18 Keerthana Gauribidanur keerthana@gmail.com	7022773055 9854126758	BE BE	CS	26/08/2000 11/07/2000
21 Narayan Karwar narayan@gmail.com	8569741256	PHD	CS	16/05/2000
23 Pareekshith Mysuru pareekshithjain@gmail.com	8745213659	BE	IS	21/07/2000
26 Prateek Mysuru prateekc@gmail.com	9865326598	BE	IS	27/09/2000
27 Kiran Mysuru kiran@gmail.com	8653214586	PHD	CS	08/01/2001
30 Rajath Mysuru rajathrrao@gmail.com 32 Rishitha Mysuru rishitha@gmail.com	7052145685 8569741232	MS BE	CS CS	16/06/2000 08/11/2000
40 Shriya Hyderabad shriya@gmail.com	7022773055	BE	CS	26/08/2000
51 Vidyasagar Shivmoga vidyasagar@gmail.com	9865412875	BE	EC	14/05/2000
Enter Choice:				
1.Insert				
2.Delete 3.Search				
4.Update				
5.Display				
2				
Delete using				
1.ID 2.Name				
3. Address				
4.Mail				
5.Phone				
6.Course				
7.Branch 8.DOB				
Enter Choice:				
2				
Enter Name				
abc				
Successful Enter Choice:				
1.Insert				
2.Delete				
3.Search				
4.Update				
5.Display				

5 ID	Name	Address	Mail	Phone	Course	Branch	DOB
02 10 17 18 21 23 26 27 30 32 40 51 Enter Choice: 1.Insert 2.Delete 3.Search 4.Update 5.Display	Aayushi Arya Kartik Keerthana Narayan Pareekshith Prateek Kiran Rajath Rishitha Shriya Vidyasagar	Delhi Mysuru Kumta Gauribidanur Karwar Mysuru Mysuru Mysuru Mysuru Mysuru Hyderabad Shivmoga	aayushi@gmail.com arya@gmail.com kartiknnayak2000@gmail.com keerthana@gmail.com pareekshithjain@gmail.com prateekc@gmail.com kiran@gmail.com rajathrrao@gmail.com rishitha@gmail.com shriya@gmail.com vidyasagar@gmail.com	7022773055 9865321458 7022773055 9854126758 8569741256 8745213659 9865326598 8653214586 7052145685 8569741232 7022773055 9865412875	BE MS BE PHD BE BE PHD MS BE BE BE	CS CS CS CS IS IS CS CS CS CS CS CS	7/10/2000 27/02/2000 26/08/2000 11/07/2000 16/05/2000 21/07/2000 27/09/2000 08/01/2001 16/06/2000 08/11/2000 26/08/2000 14/05/2000
Search using 1.ID 2.Name 3.Address 4.Mail 5.Phone 6.Course 7.Branch 8.DOB Enter Choice: 7							
CS ID 02 10 17 18 21 27 30 32 40 Enter Choice: 1.Insert 2.Delete 3.Search 4.Update 5.Display	Name Aayushi Arya Kartik Keerthana Narayan Kiran Rajath Rishitha Shriya	Address Delhi Mysuru Kumta Gauribidanur Karwar Mysuru Mysuru Mysuru Hyderabad	Mail aayushi@gmail.com arya@gmail.com kartiknnayak2000@gmail.com keerthana@gmail.com narayan@gmail.com kiran@gmail.com rajathrrao@gmail.com rishitha@gmail.com shriya@gmail.com	Phone 7022773055 9865321458 7022773055 9854126758 8569741256 8653214586 7052145685 8569741232 7022773055	Course BE MS BE BE PHD PHD MS BE BE	Branch CS CS CS CS CS CS CS CS CS	DOB 7/10/2000 27/02/2000 26/08/2000 11/07/2000 16/05/2000 08/01/2001 16/06/2000 08/11/2000 26/08/2000

1.Insert 2.Delete 3.Search							
4.Update 5.Display 3							
Search using 1.ID 2.Name							
3.Address 4.Mail							
5.Phone 6.Course							
7.Branch 8.DOB							
Enter Choice: 3 Enter Address							
Mysuru							
ID	Name	Address	Mail	Phone	Course	Branch	DOB
10	Arya	Mysuru	arya@gmail.com	9865321458	MS	CS	27/02/2000
23	Pareekshith	Mysuru	pareekshithjain@gmail.com	8745213659	BE	IS	21/07/2000
	Prateek	Mysuru	prateekc@gmail.com	9865326598	BE	IS	27/09/2000
27	Kiran	Mysuru	kiran@gmail.com	8653214586	PHD	CS	08/01/2001
30	Rajath	Mysuru	rajathrrao@gmail.com	7052145685	MS	CS	16/06/2000
32	Rishitha	Mysuru	rishitha@gmail.com	8569741232	BE	CS	08/11/2000
Enter Choice:							
1.Insert							
2.Delete							
3.Search							
4.Update							
5.Display							
			·				

```
1.Insert
2.Delete
3.Search
4.Update
5.Display
4
Enter ID of Student to update
17
Update
1.Name
2.Address
3.Mail
4.Phone
5.Course
6.Branch
7.DOB
8.Done
Enter Choice:
4
Enter Phone
7894563210
Update
1.Name
2.Address
3.Mail
4.Phone
5.Course
6.Branch
7.DOB
8.Done
Enter Choice:
3
Enter Mail
kartik@yahoo.com
Update
1.Name
2.Address
3.Mail
4. Phone
5.Course
6.Branch
7.DOB
8.Done
Enter Choice:
8
Enter Choice:
1.Insert
2.Delete
3.Search
4.Update
5.Display
```

Enter Choi 1.Insert	ice:						
2.Delete 3.Search							
4.Update							
5.Display							
5							
ID	Name	Address	Mail	Phone	Course	Branch	DOB
02	Aayushi	Delhi	aayushi@gmail.com	7022773055	BE	CS	7/10/2000
10	Arya	Mysuru	arya@gmail.com	9865321458	MS	CS	27/02/2000
17	Kartik	Kumta	kartik@yahoo.com	7894563210	BE	CS	26/08/2000
18	Keerthana	Gauribidanur	keerthana@gmail.com	9854126758	BE	CS	11/07/2000
21	Narayan	Karwar	narayan@gmail.com	8569741256	PHD	CS	16/05/2000
23	Pareekshith	Mysuru	pareekshithjain@gmail.com	8745213659	BE	IS	21/07/2000
26	Prateek	Mysuru	prateekc@gmail.com	9865326598	BE	IS	27/09/2000
27	Kiran	Mysuru	kiran@gmail.com	8653214586	PHD	CS	08/01/2001
30	Rajath	Mysuru	rajathrrao@gmail.com	7052145685	MS	CS	16/06/2000
32	Rishitha	Mysuru	rishitha@gmail.com	8569741232	BE	CS	08/11/2000
40	Shriya	Hyderabad	shriya@gmail.com	7022773055	BE	CS	26/08/2000
51	Vidyasagar	Shivmoga	vidyasagar@gmail.com	9865412875	BE	EC	14/05/2000
Enter Choi	ice:						
1.Insert							
2.Delete							
3.Search							
4.Update							
5.Display							
9							
**							
Process re	eturned 0 (0x0) executio	n time : 416.945 s					
	key to continue.						
,							