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-bash-4.2$ cd Covid-Vaccine-Management-System/
-bash-4.2$ ls
community_data.txt  community_vaccine.txt  priority.txt  README.md  vaccine.c
-bash-4.2$ vim vaccine.c
-bash-4.2$ gcc -o vaccine vaccine.c
-bash-4.2$ ./vaccine community_vaccine.txt priority.txt
Enter your username:bhatt5
Enter your password:***
Credentials are incorrect!
Enter your username:nomair
Enter your password:*****
Credentials are incorrect!

This is your last attempt!
Enter your username:bhattin82
Enter your password:*****

Welcome to the Covid Vaccine Management System!

Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

Please enter your choice:1

| Name | Gender | Age | Phone Number | Id Number | Vaccine |
James   M   18   6465547577   8782734877   None
Nomair  M   21   7564536543   1234567354   J&J
Hunain  M   23   8241895759   7826539817   Pfizer
Shayan  M   32   2645725821   7665273562   Pfizer
Zelle   F   56   9823745788   8762486242   J&J
Javaidan M   54   2874574312   2897234742   None
Harris  M   56   3443524513   1354335151   None
Rana    M   87   8973498157   8712658721   Pfizer
Junaid  M   76   8917248612   7267841162   None
Ahmed   M   44   1234322622   5677658764   None
Hannah F   22   4566545666   1234567891   Pfizer
Gary    M   77   7456543243   3267587648   None
Jenny   F   32   8489596511   2134567891   None
Jake    M   56   7659188678   1233427891   Pfizer
Jeremy  M   66   1234567872   5245121234   Pfizer
Lilac   F   25   8766712347   7456745342   J&J
Tim     M   54   1234321122   1112223333   J&J
Helen   F   33   5678768888   9879879879   J&J

Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

Please enter your choice:2
Please enter name:Eva
Please enter gender:F
Please enter age:27
Please enter phone:8657413214
Please enter id number:6871264383
Please enter vaccine:Pfizer

community_vaccine.txt file append operation successfull!

| Name | Gender | Age | Phone Number | Id Number | Vaccine |
James   M   18   6465547577   8782734877   None
Nomair  M   21   7564536543   1234567354   J&J
Hunain  M   23   8241895759   7826539817   Pfizer
Shayan  M   32   2645725821   7665273562   Pfizer
Zelle   F   56   9823745788   8762486242   J&J
Javaidan M   54   2874574312   2897234742   None
Harris  M   56   3443524513   1354335151   None
Rana    M   87   8973498157   8712658721   Pfizer
Junaid  M   76   8917248612   7267841162   None
Ahmed   M   44   1234322622   5677658764   None
Hannah F   22   4566545666   1234567891   Pfizer
Gary    M   77   7456543243   3267587648   None
Jenny   F   32   8489596511   2134567891   None
Jake    M   56   7659188678   1233427891   Pfizer
Jeremy  M   66   1234567872   5245121234   Pfizer
Lilac   F   25   8766712347   7456745342   J&J
Tim     M   54   1234321122   1112223333   J&J
Helen   F   33   5678768888   9879879879   J&J
Eva     F   27   8657413214   6871264383   Pfizer

Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

Please enter your choice:3
Please enter the name to delete the record:Haris

| Name | Gender | Age | Phone Number | Id Number | Vaccine |
James   M   18   6465547577   8782734877   None
Nomair  M   21   7564536543   1234567354   J&J
Hunain  M   23   8241895759   7826539817   Pfizer
Shayan  M   32   2645725821   7665273562   Pfizer
Zelle   F   56   9823745788   8762486242   J&J
Javaidan M   54   2874574312   2897234742   None
Rana    M   87   8973498157   8712658721   Pfizer
Junaid  M   76   8917248612   7267841162   None
Ahmed   M   44   1234322622   5677658764   None
Hannah F   22   4566545666   1234567891   Pfizer
Gary    M   77   7456543243   3267587648   None
Jenny   F   32   8489596511   2134567891   None
Jake    M   56   7659188678   1233427891   Pfizer
Jeremy  M   66   1234567872   5245121234   Pfizer
Lilac   F   25   8766712347   7456745342   J&J
Tim     M   54   1234321122   1112223333   J&J
Helen   F   33   5678768888   9879879879   J&J
Eva     F   27   8657413214   6871264383   Pfizer
Record Deleted!

Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

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Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

Please enter your choice:4
Please enter name:Beck

RECORD NOT FOUND!

Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

Please enter your choice:5

How do you want to search?

1. By Name 2. By Gender 3. By Vaccine

Please enter your choice:1
Please enter name:Jeremy

Name	Gender	Age	Phone Number	Id Number	Vaccine
Jeremy	M	66	1234567872	5245121234	Pfizer

Record found!

Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

Please enter your choice:5

How do you want to search?

1. By Name 2. By Gender 3. By Vaccine

Please enter your choice:2
Please enter gender:F

Name	Gender	Age	Phone Number	Id Number	Vaccine
Zelle	F	56	9823745788	8762486242	J&J
Hannah	F	22	4566545666	1234567891	Pfizer
Jenny	F	32	8489596511	2134567891	None
Lilac	F	25	8766712347	7456745342	J&J
Helen	F	33	5678768888	9879879879	J&J
Eva	F	27	8657413214	6871264383	Pfizer

Record found!

Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

Please enter your choice:5

How do you want to search?

1. By Name 2. By Gender 3. By Vaccine

Please enter your choice:3
Please enter vaccine:Pfizer

Name	Gender	Age	Phone Number	Id Number	Vaccine
Hunain	M	23	8241895759	7826539817	Pfizer
Shayan	M	32	2645725821	7665273562	Pfizer
Rana	M	87	8973498157	8712658721	Pfizer
Hannah	F	22	4566545666	1234567891	Pfizer
Jake	M	56	7659188678	1233427891	Pfizer
Jeremy	M	66	1234567872	5245121234	Pfizer
Eva	F	27	8657413214	6871264383	Pfizer

Record found!

Please Choose from the following:
1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

Please enter your choice:4
Please enter name:Jenny

What do you want to update?

1. Phone Number 2. Vaccination 3. Both

Please enter your choice:2
Please enter the new vaccine for that person:J&J

Previous Record
Jenny F 32 8489596511 2134567891 None

Updated Record
Jenny F 32 8489596511 2134567891 J&J

Record Updated!

Name	Gender	Age	Phone Number	Id Number	Vaccine
James	M	18	6465547577	8782734877	None
Nomair	M	21	7564536543	1234567354	J&J
Hunain	M	23	8241895759	7826539817	Pfizer
Shayan	M	32	2645725821	7665273562	Pfizer
Zelle	F	56	9823745788	8762486242	J&J
Javaidan	M	54	2874574312	2897234742	None
Rana	M	87	8973498157	8712658721	Pfizer
Junaid	M	76	8917248612	7267841162	None
Ahmed	M	44	1234322622	5677658764	None
Hannah	F	22	4566545666	1234567891	Pfizer
Gary	M	77	7456543243	3267587648	None
Jenny	F	32	8489596511	2134567891	J&J
Jake	M	56	7659188678	1233427891	Pfizer
Jeremy	M	66	1234567872	5245121234	Pfizer
Lilac	F	25	8766712347	7456745342	J&J
Tim	M	54	1234321122	1112223333	J&J
Helen	F	33	5678768888	9879879879	J&J
Eva	F	27	8657413214	6871264383	Pfizer

Please Choose from the following:

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Please enter your choice:6

Total people:18

13 individuals are vaccinated!

5 individuals are not vaccinated yet!

Name	Gender	Age	Phone Number	Id Number	Vaccine
Gary	M	77	7456543243	3267587648	None
Junaid	M	76	8917248612	7267841162	None
Javaidan	M	54	2874574312	2897234742	None
Ahmed	M	44	1234322622	5677658764	None
James	M	18	6465547577	8782734877	None

Please Choose from the following:

1.Current Database 2.Add Record 3.Delete Record 4.Update Record 5.Search Record 6.Priority Individuals (Not vaccinated) 7.Log Out

Please enter your choice:7

Logged Out!

-bash-4.2\$