

## Program 18

### Database with name and DOB

#### AIM :

To implement a prolog program for a database with name and DOB.

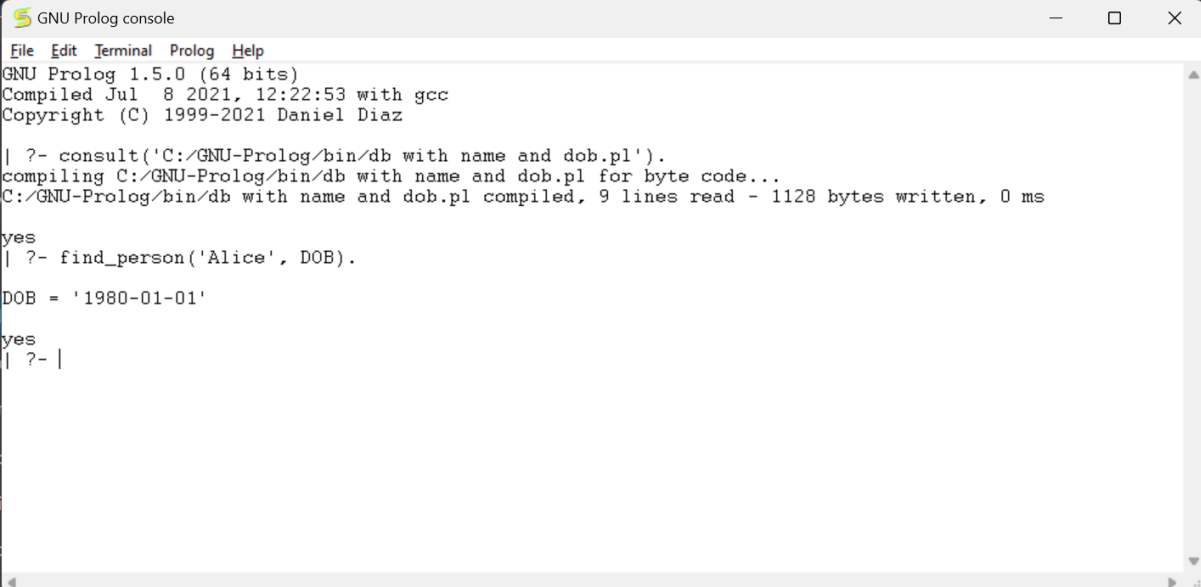
#### PROGRAM :

```
person('Alice', '1980-01-01').  
person('Bob', '1990-02-14').  
person('Charlie', '2000-03-03').
```

```
find_person(Name, DOB) :-  
    person(Name, DOB).
```

```
list_all_people :-  
    findall(Name, person(Name, _), Names),  
    format('List of all people: ~w\n', [Names]).
```

#### OUTPUT:



```
GNU Prolog console  
File Edit Terminal Prolog Help  
GNU Prolog 1.5.0 (64 bits)  
Compiled Jul  8 2021, 12:22:53 with gcc  
Copyright (C) 1999-2021 Daniel Diaz  
  
| ?- consult('C:/GNU-Prolog/bin/db with name and dob.pl').  
compiling C:/GNU-Prolog/bin/db with name and dob.pl for byte code...  
C:/GNU-Prolog/bin/db with name and dob.pl compiled, 9 lines read - 1128 bytes written, 0 ms  
  
yes  
| ?- find_person('Alice', DOB).  
  
DOB = '1980-01-01'  
  
yes  
| ?- |
```

#### RESULT:

The Program has successfully been executed.