**AI FOR LLM- CSA1704**

**18. Write a Prolog Program for A DB WITH NAME, DOB.**

**CODE:**

# Database: Name -> DOB

# DOB format: (Day, Month, Year)

database = {

"John": (12, 5, 1995),

"Mary": (23, 11, 1998),

"Alex": (4, 7, 2000),

"Sophia": (15, 2, 1993),

"David": (30, 9, 1997)

}

# Function to get DOB by name

def get\_dob(name):

return database.get(name, "Name not found")

# Function to get all names born in a given month

def get\_by\_month(month):

return [name for name, (d, m, y) in database.items() if m == month]

# Example usage

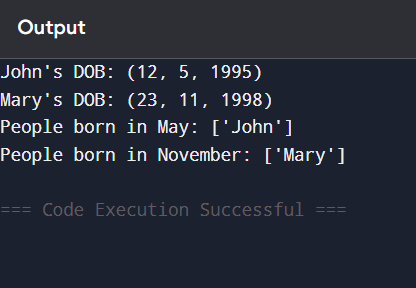
print("John's DOB:", get\_dob("John"))

print("Mary's DOB:", get\_dob("Mary"))

print("People born in May:", get\_by\_month(5))

print("People born in November:", get\_by\_month(11))

**OUTPUT:**

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