**Practical 1.1**

# Aim : Write a program to implement simple facts and queries.

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| --- | --- |
| **Predicate / Claws** | **Meaning** |
| likes(X,ai). | Who likes “ai”. |
|  | |
| hobby(X,reading). | Who has the “reading” as a hobby. |
|  | |
| likes(X,ai),likes(X,ml). | Who likes “ai” and “ml” both. |
|  | |
| likes(X,ai),hobby(X,reading). | Who likes “ai” and has a “reading” hobby. |
|  | |

Practical 1.2

# Aim: Design your family tree with male, female and parent predicate and some rules, such as brother, sister, son, daughter, etc.

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| --- | --- |
| **Predicate / Claws** | **Meaning** |
| parent(henil,alkaben). | Is “alkaben” is a parent of “henil”. |
|  | |
| brother(henil,heal). | Is “heal” is a brother of “henil”. |
|  | |
| parent(kantibhai,X). | Who are the parents of “kantibhai”. |
|  | |
| female(hardik). | Is “hardik” female. |
|  | |
| grandmother(heal,jasuben). | Is “jasuben” a grand mother of “heal”. |
|  | |

Practical 1.3

# Aim : Design medical diagnosis system.

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| Predicate / Claws | Meaning |
| has\_symptoms(cough,X), | What are the symptoms of cough. |
|  | |
| has\_symptoms(cold,X),has\_symptoms(covid,X). | What are the common symptoms of cold and covid |
|  | |