Shri Vile Parle Kelavani Mandal's

INSTITUTE OF TECHNOLOGY

DHULE (M.S.)

DEPARMENT OF COMPUTER ENGINEERING

Subject : Artificial Intelligence Lab

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Class : B.tech Final Year **Batch : B2** **Division: -**

Expt. No. :01 **Date : 21/08/2025**

Title : Implement The Basic in Prolog.

Remark

Signature

Program 1:-

Code:

```
likes(ram, mango).
girl(seema).
like(bill, candy).
real(rose).
own(john, gold).
```

Output:

```
egin, 0)), '$toplevel':'$query_loop'(0), '$toplevel':notrace(call_repl_loop_ho
ok(end, 0))) ? creep
?- likes(ram, mango).
true.

?- likes(ram, What).
What = mango.

?- likes(Who, What).
Who = ram,
What = mango.

?- girl(Who).
Who = seema.

?-
```

Program 2:-

Code:

```
c_to_f(C, F) :- F is (C * 9 / 5) + 32.

freezing(F):-F =< 32 .
```

Output: