

PPL Assignment 1

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1. A simple code using Prolog.

Source Code:

```
?-write('Welcome to SVNIT'),nl,write('Example of Prolog'),nl.
```

Output:

```
himani@Himani:~/Desktop/PPL$ touch q1.pl
himani@Himani:~/Desktop/PPL$ swipl
Welcome to SWI-Prolog (threaded, 64 bits, version 8.4.1)
SWI-Prolog comes with ABSOLUTELY NO WARRANTY. This is free software.
Please run ?- license. for legal details.

For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- consult('q1.pl').
Welcome to SVNIT
Example of Prolog
true.

?- 
```

2. Understanding the Terminology.

Source Code:

```
dog(rottweiler).
```

```
cat(munchkin).
```

```
animal(A) :- cat(A).
```

Output:

```
himani@Himani:~/Desktop/PPL$ swipl
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For online help and background, visit https://www.swi-prolog.org
For built-in help, use ?- help(Topic). or ?- apropos(Word).

?- consult('q2.pl').
true.

?- animal(rottweiler).
false.

?- animal(munchkin).
true.
```