18BECE30558

TITHI PATEL

PRACTICAL-6

CONCAT STRING:

```
  Files         Edit         Run          Compile      Options         Setup
                        ── Editor ──                              ═ Dialog ═
  Line 1      Col 28      E:\PROLOG\1.PRO   Indent   Inse   Hello world! Prolog
/*18BECE30558 TITHI PATEL*/                               Yes
predicates                                                Goal: go
 go                                                       Hello world! Prolog
 clauses                                                  Yes
 go:-                                                     Goal: go
        X="Hello world! ",                                Hello world! Prolog
        Y="Prolog",                                       Yes
        concat(X,Y,Z),                                    Goal: go
        write(Z),nl.                                      Hello world! Prolog
                                                          Yes
                                                          Goal: go
                                                          Hello world! Prolog
                                                          Yes
                                                          Goal: go
                                                          Hello world! Prolog
                                                          Yes
                                                          Goal:
                       ── Message ──                              ═ Trace ═
Save E:\PROLOG\PR5(II).PRO
Load E:\PROLOG\1.PRO
Compiling E:\PROLOG\1.PRO
go
 F2-Save   F3-Load   F5-Zoom   F6-Next   F8-Previous goal   Shift-F10-Resize   F10-End
```

Split String:

```
    Files          Edit          Run          Compile          Options          Setup
                       — Editor —                                        — Dialog —
  Line 5      Col 1      E:\PROLOG\3.PRO   Indent   Inse     Prolog
/*18BECE30558 TITHI PATEL*/                               Yes
predicates                                                Goal: go
        go                                                Hello World!
clauses                                                    Prolog
go:-                                                      Yes
        X="Hello World! Prolog",                          Goal: go
        frontstr(12,X,Select,Rest),                       Hello World!
        write(Select),nl,                                  Prolog
        write(Rest),nl.                                   Yes
                                                          Goal: go
                                                          Hello World!
                                                           Prolog
                                                          Yes
                                                          Goal: _

                   — Message —                                        — Trace —
Load E:\PROLOG\2.PRO
Load E:\PROLOG\3.PRO
Compiling E:\PROLOG\3.PRO
go

F2-Save   F3-Load   F5-Zoom   F6-Next   F8-Previous goal   Shift-F10-Resize   F10-End
```

Length of string:

```
    Files          Edit          Run          Compile          Options          Setup
                       — Editor —                                        — Dialog —
  Line 1      Col 1      E:\PROLOG\4.PRO   Indent   Inse     Hello World!
/*18BECE30558 TITHI PATEL*/                                Prolog
predicates                                                Yes
        go                                                Goal: go
clauses                                                   Hello World!
        go:-                                               Prolog
        X="Hello World! Prolog",                          Yes
        str_len(X,Length),                                Goal: go
        write(Length),nl.                                 Hello World!
                                                           Prolog
                                                          Yes
                                                          Goal: go
                                                          19
                                                          Yes
                                                          Goal:

                   — Message —                                        — Trace —
Save E:\PROLOG\3.PRO
Load E:\PROLOG\4.PRO
Compiling E:\PROLOG\4.PRO
go

F2-Save   F3-Load   F5-Zoom   F6-Next   F8-Previous goal   Shift-F10-Resize   F10-End
```

converting:upper_lower()

```
   Files        Edit        Run        Compile      Options       Setup
┌──────────────────── Editor ────────────────────┐┌════════════ Dialog ════════
│  Line 1      Col 28     E:\PROLOG\5.PRO   Indent    Inse ││Hello World!
│/*18BECE30558 TITHI PATEL*/                            ││ Prolog
│predicates                                             ││Yes
│ go                                                    ││Goal: go
│clauses                                                ││Hello World!
│        go:-                                           ││ Prolog
│        X="Tithi PATEL",                               ││Yes
│        upper_lower(Upper,X),                          ││Goal: go
│        write(Upper),nl,                               ││19
│        upper_lower(X,Lower),                          ││Yes
│        write(Lower),nl.                               ││Goal: go
│                                                       ││TITHI PATEL
│                                                       ││tithi patel
│                                                       ││Yes
│                                                       ││Goal: _
├──────────────────── Message ───────────────────┐┌──────────── Trace ─────────
│Save E:\PROLOG\4.PRO                             ││
│Load E:\PROLOG\5.PRO                             ││
│Compiling E:\PROLOG\5.PRO                        ││
│go                                               ││
└─────────────────────────────────────────────────┘└────────────────────────────
F2-Save   F3-Load   F5-Zoom   F6-Next   F8-Previous goal   Shift-F10-Resize   F10-End
```