$vi mydb.pro
```
 /* simple database implemntation in prolog:  */
/*  filename: mydb.pro */
/* ------------------------------------------------  */
part(p001,nut).
part(p002,bolt).
part(p003,belt).
part(p004,gear).
part(p005,lever).
supplier(s001,abc).
supplier(s002,def).
supplier(s003,ghi).
supplier(s004,jkl).
supplier(s005,mno).
part_supplier_cost(p001,s001,0.10).
part_supplier_cost(p002,s001,0.15).
part_supplier_cost(p003,s003,5.00).
part_supplier_cost(p004,s005,4.00).
part_supplier_cost(p005,s004,7.00).
part_supplier_cost(p001,s005,0.15).
part_supplier_cost(p002,s003,0.10).
part_supplier_cost(p003,s002,6.00).
part_supplier_cost(p004,s004,5.00).
part_supplier_cost(p005,s003,8.00).
part_supplier_cost(p001,s004,0.20).
part_supplier_cost(p002,s002,0.30).
part_supplier_cost(p003,s001,4.00).

list(Pkey):-part(Pkey,Pname),
          part_supplier_cost(Pkey,Skey,Cost),
        supplier(Skey,Sname),
        write(Pkey),write(' '),
        write(Pname),write(' '),
        write(Skey),write(' '),
        write(Sname),write(' '),
        write(Cost),nl.
/* your facts and rules end here  */
/*--------------------------------------------------*/
```

Compilation

$pl -o mydb -c mydb.pro

Execution

$mydb
```
Now Run your Queries or Goals
```

supplier(A,B).
 press **'n'** or **';'** to view all selected records, one record at a time

part(A,B).
press **'n'**or **';'** to view all selected records, one record at a time

list(A).
press **'n'** or **';'** to view all selected records, one record at a time

Press **CTRL d** to return to command prompt
$