7:

:

. Prolog

append, **(unification)** .

append

.

, .

. :

```
word([h,e,l,l,o]).
word([m,a,n]).
word([w,o,m,a,n]).
word([b,o,o,k]).
word([m,o,t,h,e,r]).
word([c,o,m,p,u,t,e,r]).
word([c,a,r]).
word([p,r,o,l,o,g]).
word([p,e,n,c,i,l]).
word([t,a,b,l,e]).
```

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– . (

Prolog).

.

changeletter(Word,CorrectWord)

( ) '

. :

```
?- changeletter([m,o,n],X).
X = [m,a,n];
No
```

"mon" "man" , "man"

. change1letter :

```
changeletter(Word,CorrectWord) :-
    append(Begin,[Letter|End],Word),
    word(CorrectWord),
    append(Begin,[Letter1|End],CorrectWord),
    Letter1 \= Letter.
```

word(CorrectWord) CorrectWord

.

append word(CorrectWord)

Word CorrectWord .

append(Begin,[Letter|End],Word) Word ,

: Begin [Letter|End].

Letter   End.   Word
        Begin(   ), Letter(/   )   End(   ).

      append(Begin, [Letter1|End], CorrectWord)
CorrectWord   ,   : Begin   [Letter1|End]
    Begin, Letter**1**   End.

              Word   CorrectWord
(Begin   End)   Letter
             Letter1 (Το Letter   με το Letter1).
                append   Begin   End
    .   ,
      .

1.   append
                   .
              .

( ) swapletters(Word, CorrectWord).
   Word   Word
                  .   :

```
?- swapletters([w,m,o,a,n],X).
X = [w,o,m,a,n];        %ανταλλαγή των γραμμάτων ο, m
No
```

( ) exchangeletters(Word, CorrectWord).
   Word   Word
                                  '
       .   :

```
?- exchangeletters([w,a,m,o,n],X).
X = [w,o,m,a,n];        %ανταλλαγή των γραμμάτων ο, a
No
```
( ) delete2(W, CW).   W
                    CW
                       W (
).   :

```
?- delete2([m,o,o,t,h,e,r,w],L).
L = [m, o, t, h, e, r]
?- delete2([w,i,o,m,e,a,n],L).
L = [w, o, m, a, n]
```

( ) movefront(W, CW).   W
                  CW
                    W.   :

```
?- movefront([m,t,h,e,o,,r],L).
L = [m, o, t, h, e, r]
?- movefront([o,m,w,a,n],L).
L = [w, o, m, a, n]
```

2.
            (   )   .   :
```
?- spell_check([[t,h,e], [m,o,n], [a,n,d], [e,h,t], [w,m,o,a,n]]).

Spelling Error (Mistyping): [m,o,n] Suggest [m,a,n]
Unknown: [a,n,d]
Spelling Error (Exchange): [e,h,t] Suggest [t,h,e]
Spelling Error (Swap): [w,m,o,a,n] Suggest [w,o,m,a,n]

Yes.
```