

# ***Η γλώσσα PERL***

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2007

# Δομές Ελέγχου/Διαχείριση IO

- if/unless
- while/until
- do{}while/until
- for
- foreach
- last, next, redo, labels

# if/unless

```
if (some condition)
```

```
{
```

```
}
```

```
elseif
```

```
{
```

```
}
```

```
else
```

```
{
```

```
}
```

# conditions

- False : “0”, “”
- True: otherwise

# while/until

```
while (condition)
```

```
{
```

```
...
```

```
}
```

```
until (condition)
```

```
{
```

```
...
```

```
}
```

# do {}while/until

```
do  
{  
...  
} while (condition)
```

```
do  
{  
...  
} until (condition)
```

# for

```
for (initialization; condition;update)
{
...
}
```

```
for ($i=1; $i<=10;$i++)
{
print "$i\n";
}
```

# foreach

```
foreach $i(@list)
{
...
}
```

```
@a=(1,2,3,4,5);
foreach $i(@a)
{
print "$i\n";
}
```



# last

```
while (condition 1)
{
  ...
  if(condition 2)
  {
    ...
    last;
  }
}
```

# last

Ισχύει μόνο για:

for, foreach, while, until

# next

```
while (condition 1)
{
  ...
  if(condition 2)
  {
    ...
  }
  next;
}
#
```

# redo

```
while (condition 1)
```

```
{
```

```
#
```

```
...
```

```
if(condition 2)
```

```
{
```

```
...
```

```
redo;
```

```
}
```

# LABELS

```
L1:for ($i=1; $i<=10;$i++){  
L2:for ($j=1; $j<=10;$j++){  
{  
if($i$j==63)  
{  
print "$i *$j =63\n";  
last L2;  
}  
if ($j>=$i)  
{  
next L2;  
}  
}  
}  
}
```

# STDIN

```
$a=<STDIN>;
```

```
chomp ($a);
```

```
chomp ($a=<STDIN>);
```



```
while(<>)  
{  
    print $_;  
}
```

Εκτελέστε:

Perl program.pl file

# Input-Output

- open FILEHANDLE, "filename";
- open IN, "/etc/passwd";
- \$x=<IN>;
- print \$x;
- close IN;
- open OUT, ">( >)tempfile";
- print OUT "bla bla bla\n";



# @ARGV

- perl program.pl file1 file2 ...
- file1: \$ARGV[0]
- file2: \$ARGV[1]
- ...