

## Summary

### 1. Variable

```
$var/${var}; $line = <stdin>; chomp($line);
```

### 2. List

```
(x, y, z); qw/ x y z/; qw( x y x);
```

### 3. Array

```
@array_var; $array_var[$index]; @array_var = (x, y, z); $length = $#array_var;
```

```
@lines = <stdin>; chomp(@lines); ctrl+z
```

### 4. Hash

```
%hash_var; $hash_var{$key}; %hash_var = ($key1, $value1, $key2, value2, ...); %hash_var = ($key1 => $value1, $key2 => $value2, ...);
```

```
%ENV; $ENV{$key};
```

### 5. Subroutine

```
&subroutine(x, y, z); $_ (default variable); @_; $_[n] (default array);
```

### 6. Private Announcement

```
my $var; my @array_var; my %hash_var; my ($m, $n);
```

### 7. I/O

```
@ARGV (default array); <> (reference for @ARGV); <file_handler> (line input operator); $! (system error info variable); print/say
```

### 8. Childprocess

```
system 'command'; `command`;
```

### 9. Regex

```
\n; \gn; \g{n} (capture group used in pattern); $n (capture group used in extracting)
```

```
$var =~ (m)/pattern/(a/i/s); $var =~ s/pattern/replacement/g;
```

### 10. Include/Module

require '/path/file.pl'; (include file)

@INC (lib path list); perl -V; export PERLLIB/PERL5LIB = '/path';

package xx::yy::zz; --> module name: zz.pm | module path: @INC/xx/yy/zz.pm

use xx::yy::zz;