PERL SUB FUNCTION

Description

This function defines a new subroutine. The arguments shown above follow these rules −

- NAME is the name of the subroutine. Named subroutines can be predeclared *withoutanassociatedcodeblock* with, or without, prototype specifications.

- Anonymous subroutines must have a definition.

- PROTO defines the prototype for a function, which will be used when the function is called to validate the supplied arguments.

- ATTRS define additional information for the parser about the subroutine being declared.

Syntax

Following is the simple syntax for this function −

```
sub NAME PROTO ATTRS BLOCK# Named, prototype, attributes, definition
sub NAME ATTRS BLOCK # Named, attributes, definition
sub NAME PROTO BLOCK # Named, prototype, definition
sub NAME BLOCK # Named, definition
sub NAME PROTO ATTRS # Named, prototype, attributes
sub NAME ATTRS # Named, attributes
sub NAME PROTO # Named, prototype
sub NAME # Named
sub PROTO ATTRS BLOCK # Anonymous, prototype, attributes, definition
sub ATTRS BLOCK # Anonymous, attributes, definition
sub PROTO BLOCK # Anonymous, prototype, definition
sub BLOCK # Anonymous, definition
```

Return Value

This function does not return any value.

Example

Following is the example code showing its basic usage −

When above code is executed, it produces the following result

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js