

while & do-while loops in Perl

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objective

In this tutorial, we will learn



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In this tutorial, we will learn

- ▶ while loop in Perl



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- ▶ do-while loop in Perl



System Requirements

- ▶ **Ubuntu Linux 12.04 OS**



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- ▶ **Perl 5.14.2**



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- ▶ **gedit Text Editor**



Pre-requisites

Basic knowledge of

- ▶ **Variables and Comments in Perl**



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- ▶ for & for-each loops in Perl will be an added advantage



Pre-requisites

Basic knowledge of

- ▶ Variables and Comments in Perl
- ▶ for & for-each loops in Perl will be an added advantage
- ▶ Please go through the relevant spoken tutorials on the spoken tutorial website



while loop

while loop

- ▶ Executes a block of code



while loop

while loop

- ▶ Executes a block of code
- ▶ While a condition is true



while loop syntax is

```
while (condition)
```

```
{
```

```
Piece of code to be executed only  
while the condition is true
```

```
}
```



do-while loop

do-while loop

- ▶ Will always execute the piece of code at-least once



do-while loop

do-while loop

- ▶ Will always execute the piece of code at-least once
- ▶ It will then check the condition and



do-while loop

do-while loop

- ▶ Will always execute the piece of code at-least once
- ▶ It will then check the condition and
- ▶ Repeat the loop while the condition is true



do-while loop syntax is

```
do {  
    Piece of code to be executed while  
    the condition is true  
} while (condition);
```



while & do-while loop

This implies that,



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- ▶ **do-while** loop executes at-least once



while & do-while loop

This implies that,

- ▶ **do-while** loop executes at-least once
- ▶ before evaluating the condition



while & do-while loop

This implies that,

- ▶ **do-while** loop executes at-least once
- ▶ before evaluating the condition
- ▶ **while** loop does not get executed even once



while & do-while loop

This implies that,

- ▶ **do-while** loop executes at-least once
- ▶ before evaluating the condition
- ▶ **while** loop does not get executed even once
- ▶ when the condition specified is false



Summary

In this tutorial we learnt,

- ▶ while loop
- ▶ do-while loop
- ▶ using sample programs



Assignments

- ▶ Print 'Hello Perl'
- ▶ till the count of variable reaches 10
- ▶ Use **while** and **do-while** loops



About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
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- ▶ More information on this Mission is available at

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