

```
#!/usr/bin/perl
```

```
# Function definition
```

```
sub Hello{  
    print "Hello, World!\n";  
}
```

```
# Function call
```

```
Hello();
```

```
#!/usr/local/bin/perl
```

```
$a = 10;
```

```
# do...while loop execution
```

```
do{  
    printf "Value of a: $a\n";  
    $a = $a + 1;  
}while( $a < 20 );
```

```
#!/usr/bin/perl
```

```
# Function definition
```

```
sub Hello{  
    print "Hello, World!\n";  
}
```

```
# Function call
```

```
Hello();
```

```
#!/usr/local/bin/perl
```

```
@list = (2, 20, 30, 40, 50);
```

```
# foreach loop execution
```

```
foreach $a (@list){  
    print "value of a: $a\n";  
}
```

```
#!/usr/local/bin/perl
```

```
for( ; ; ) {  
    printf "This loop will run forever.\n";
```

```
}
```

```
#!/usr/local/bin/perl
```

```
$datestring = gmtime();  
print "GMT date and time $datestring\n";
```

```
#!/usr/local/bin/perl
```

```
$a = 0;  
$b = 0;
```

```
# outer while loop  
while($a < 3){  
    $b = 0;  
    # inner while loop  
    while( $b < 3 ){  
        print "value of a = $a, b = $b\n";  
        $b = $b + 1;  
    }  
    $a = $a + 1;  
    print "Value of a = $a\n\n";  
}
```

```
#!/usr/bin/perl
```

```
# Function definition  
sub Hello{  
    print "Hello, World!\n";  
}
```

```
# Function call  
Hello();
```

```
ask_question();  
$answer = get_answer();  
# some code  
ask_question();  
$second_answer = get_answer();
```

```
##### sub declarations come here
```

```
sub ask_question {  
    print "Have we arrived already?";  
    return;  
}
```

```
sub get_answer {  
    $answer = <STDIN>;  
    chomp $answer;  
    return $answer;  
}
```

```
#!/usr/bin/perl
```

```
@var_10 = (1..10);  
@var_20 = (10..20);  
@var_abc = (a..z);
```

```
print "@var_10\n"; # Prints number from 1 to 10  
print "@var_20\n"; # Prints number from 10 to 20  
print "@var_abc\n"; # Prints number from a to z
```

```
$datestring = localtime();  
print "Local date and time $datestring\n";
```

```
#!/usr/local/bin/perl
```

```
$a = 5;
```

```
# until loop execution  
until( $a > 10 ){  
    printf "Value of a: $a\n";  
    $a = $a + 1;  
}
```

```
#!/usr/local/bin/perl
```

```
$a = 10;
```

```
# while loop execution
```

```
while( $a < 20 ){  
    printf "Value of a: $a\n";  
    $a = $a + 1;  
}
```