

**Linux Plus** 

for

**AWS and DevOps** 

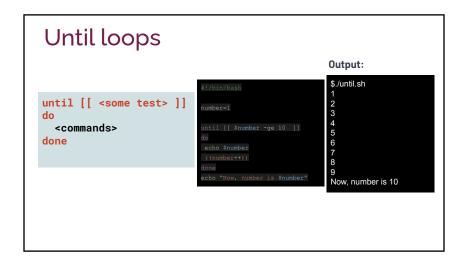
Session - 7

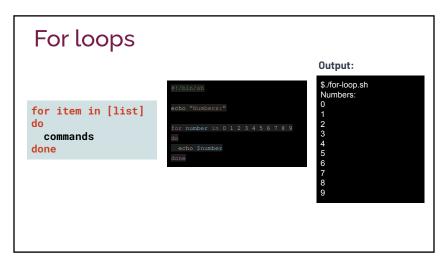


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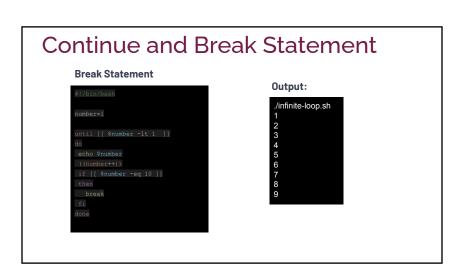
- ► Loops
- **▶** Functions







# Continue and Break Statement Infinite loop \*!/bin/bash number=1 until ([ \$number -lt 1 ]] do echo \$number ((number++)) done echo "Now, number is \$number"



# Continue and Break Statement Continue Statement Output: #1/bin/bash number=1 until [ Snumber -lt 1 ]] do ((number++)) tens=5((Snumber % 10)) if [ Stens -eq 0 ]] then continue #1 echo Snumber if ([ Snumber -gt 14 ]] then break fil done

# Exercise 1

- 1. Calculate sum of the numbers between 1 to 100.
- 2. Print result.

# **Exercise 2**

- 1. Ask user to input multiple names in a single line
- 2. Print "Hello" message for each name in separate lines.

### **Functions**

```
function function_name () {
   commands
```

```
#!/bin/bash
Welcome () {
   echo "Welcome to Linux Lessons"
}
Welcome
```

# Passing Arguments to Functions



#### Output:

\$./functions.sh Welcome to Linux Lessons Joe Matt Timothy

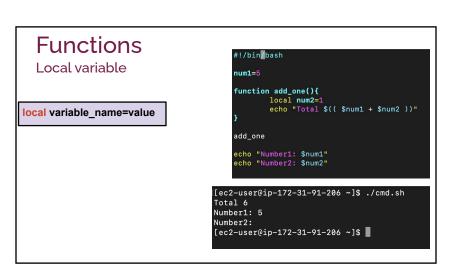
### **Nested Functions**



#### Output:

\$./nested.function.sh
This is from the first function
This is from the second function





# **Exercise 3**

- Create a function named print\_age that accepts one argument
   Ask user to input his/her year of birth and store it to local birth\_year variable
   Calculate age using current year value from the first argument
   Print age with a message
- 2. Call print\_age function with 2023

