**Challenge #3**

We have a nested object. We would like a function where you pass in the object and a key and

get back the value.

The choice of language and implementation is up to you.

Example Inputs

object = {“a”:{“b”:{“c”:”d”}}}

key = a/b/c

object = {“x”:{“y”:{“z”:”a”}}}

key = x/y/z

value = a

**Solution -**

#!/bin/bash

# Function to get a value from a nested object using a key

get\_value() {

local object="$1"

local key="$2"

jq -r "getpath([\"$key\"] | split(\"/\"))" <<< "$object"

}

object1='{"a":{"b":{"c":"d"}}}'

key1="a/b/c"

value1=$(get\_value "$object1" "$key1")

echo "Example 1: Value is $value1"