Challenge number1 (refer to terraform code)

**A 3 tier environment is a common setup. Use a tool of your choosing/familiarity create these resources.**

Which will create the following

1. VPC
2. Application Load Balancer
3. Private and public subnets
4. EC2 Instances
5. Route Table
6. Internet gateway
7. RDS instance
8. Security Group for Web and RDS instances

**Challenge #2**

**Summary**

We need to write code that will query the meta data of an instance within aws and provide a json formatted output.

Answer is under filename **EC2 meta-data.json**

**Code that will query the meta data of an instance within AWS and provide a json formatted output on Go.**

**Challenge #3**

We have a nested object; we would like a function that you pass in the object and a key and get back the value. How this is implemented 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*

my answer is based on the research I got from the below website

<https://lodash.com/docs/4.17.15#get>

code is on separate text file “challenge 3”