Project 1 - GCP Project	Project 2 - Consider this as On Prem Setup
Rename the project as EdurekaCloud	Rename the project as EdurekaOnPremise
Create a custom VPC Name - cloud-vpc Add 2 subnets Subnet#1: Rame - cloud-vpc-subnet1 Range - 10.1.1.0/24 Region - us-central1 Subnet#2: Name - cloud-vpc-subnet2 Range - 10.2.1.0/24 Region - us-east1 Default 4 FW rules in place	Create a custom VPC Name - onprem-vpc Add 1 subnet Subnet#1: Name - onprem-vpc-subnet1 Range - 192.168.1.0/24 Region - us-central1 Default 4 FW rules in place
Create a VM in Name - cloud-vpc-instance1 Region- us-central1 Zone - us-central1-b Network - cloud-vpc Subnet - cloud-vpc-subnet1 No HTTP, HTTPS No external IP	Create a VM in Name - onprem-vpc-instance1 Region- us-central1 Zone - us-central1-a Network - onprem-vpc Subnet - onprem-vpc-subnet1 No HTTP, HTTPS No external IP
SSH into cloud instance and Ping private IP on onprem instance - It should not work	SSH into onprem instance and Ping private IP on cloud instance - It should not work
Create HA VPN Gateway for Cloud project Name: cloud-vpc-vpn-gw1 Network - cloud-vpc Region: us-central1 Ipv4	Create HA VPN Gateway for Onprem project Name: onprem-vpc-vpn-gw1 Network - onprem-vpc Region: us-central1 Ipv4
 Peer VPN Gateway - Google Cloud Select Project and VPN Gateway Create pair of VPN tunnels 	 Peer VPN Gateway - Google Cloud Select Project and VPN Gateway Create pair of VPN tunnels

Create Tunnel#1 Name: cloud-vpc-tunnel0 Keep IKEv2 Pre-shared key: 1234 - it is like you pair 2 devices via bluetooth	Create Tunnel#1 Name: onprem-vpc-tunnel0 Keep IKEv2 Pre-shared key: same key shared from Cloud side
Create Tunnel#2 Name: cloud-vpc-tunnel1 Keep IKEv2 Pre-shared key: 1234 - it is like you pair 2 devices via bluetooth	Create Tunnel#2 Name: onprem-vpc-tunnel1 Keep IKEv2 Pre-shared key: same key shared from Cloud side
Create Router Name: cloud-vpc-router1 Google ASN: 65001 BGP peer interval: 20	 Create Router Name: onprem-vpc-router1 Google ASN: 65002 BGP peer interval: 20
Create BGP Session#1 Name: bgp-to-onprem-tunnel0 Peer ASN: 65002 (onprem ASN) Allocate BGP IP - Select Manual Router BGP IP: 169.254.0.1 Peer BGP IP: 169.254.0.2	Create BGP Session#1 Name: bgp-to-cloud-tunnel0 Peer ASN: 65001 (cloud ASN) Allocate BGP IP - Select Manual Router BGP IP: 169.254.0.2 Peer BGP IP: 169.254.0.1
Create BGP Session#2 Name: bgp-to-onprem-tunnel1 Peer ASN: 65002 Allocate BGP IP - Select Manual Router BGP IP: 169.254.1.1 Peer BGP IP: 169.254.1.2	Create BGP Session#2 Name: bgp-to-cloud-tunnel1 Peer ASN: 65001 (cloud ASN) Allocate BGP IP - Select Manual Router BGP IP: 169.254.1.2 Peer BGP IP: 169.254.1.1
Click Create at the END	Click Create at the END
SSH into cloud instance and Ping private IP on onprem instance - It should work	SSH into onprem instance and Ping private IP on cloud instance - It should work