Lab 2

1. **Create VPC**
   a. Go to VPC service => Your VPCs => Create VPC (Name: MyVPC, CIDR: 10.100.0.0/16) => Create
2. **Create Internet Gateway**
   a. Internet Gateways => Create internet gateway
3. **Attach Internet Gateway to VPC**
   a. Select Internet gateway => Actions => Attach to VPC => Select your VPC
4. **Create Subnet**
   a. Subnets => Create subnet (Name: MyVPC-Public, VPC: MyVPC, AZ: Select first AZ - ap-southeast-2a, CIDR: 10.100.0.0/24)
   b. Select Subnet => Action => Edit subnet settings =>Auto Assign Public IP => Enable => Save
5. **Create Route table**
   a. Route Tables => Create Route Table (Name: MyVPC-Public, VPC: MyVPC)
   b. Select Route table => Routes => Edit => Add another route (Destination: 0.0.0.0/0, Target: Internet gateway => igw-xxx) => Save
6. **Associate Route table with Subnet to make it Public subnet**
   a. Select Route table => Subnet Associations => Edit => Check the MyVPC-Public subnet => Save
7. **Create AMIs based on win EC2 and assign the new VPC**
   a. newly created public subnet.