Creating and deploying Azure Web App on Dev and Test environments using Powershell

Create an Azure App Service Plan

1) Login to the Azure RM Account in Windows PowerShell

```
Login-AzureRmAccount
```

2) Declare the parameter variables required for creating app service plan and web app

```
$resGroup ="Masterazure-XXX-RG"
$svcPlanName="Appsvc-plan-XXX"
$location="South India"
$appName="samplewebapp-xxx"
$slotName="Staging"
```

3) Execute the following command to create the app service plan

```
$appSvcPlan = New-AzureRmAppServicePlan -ResourceGroupName $resGroup`
-Name $svcPlanName -Location $location -Tier Standard
```

Create an Azure Web App and a staging slot for the app

1) To create new Web site inside the app service plan created above, execute the following command

```
New-AzureRmWebApp -ResourceGroupName $resGroup -Name $appName`
 -Location $location -AppServicePlan $appSvcPlan.Name
```

2) Create a new staging slot for the web application created above.

```
New-AzureRmWebAppSlot -ResourceGroupName $resGroup -Name $appName -Slot
$slotName -AppServicePlan $appSvcPlan.Name
```

Deploy the web application to Azure web app

1) Open the *SampleApp* folder in the given HOL. The folder contains a deployment package zip file, named ***SampleWebsite.zip***
2) Execute the following command to deploy the application to the Azure web app created in the above steps

```
Publish-AzureWebsiteProject -Name $appName -Slot $slotName`
-Package "<path of the deployment package>\SampleWebsite.zip"
```

Swap the Production and Staging slots

1) Declare parameter object for the swapping object

```
$ParametersObject = @{targetSlot  = "Production"}
```

2) Execute the following command to swap the production and staging slot deployments

```
Invoke-AzureRmResourceAction -ResourceGroupName $resGroup`
 -ResourceType Microsoft.Web/sites/slots -ResourceName $appName/$slotName`
 -Action slotsswap -Parameters $ParametersObject
```