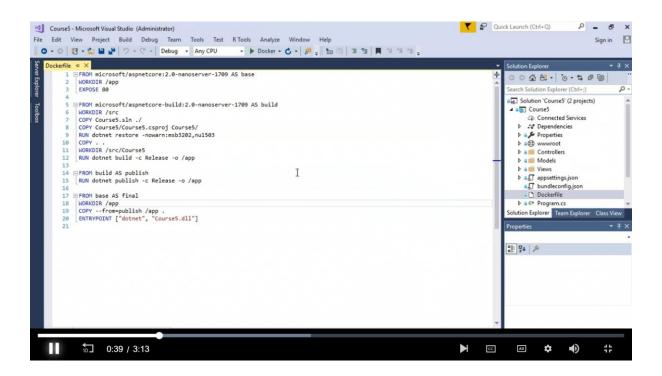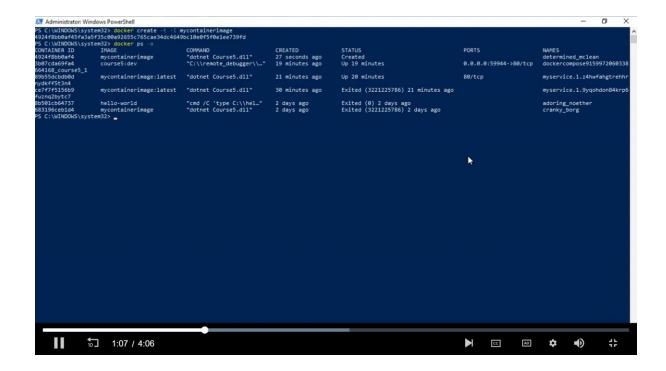Docker info give all information

Docker ps all container and images

Create images

```
Administrator: Windows PowerShell
PS C:\WINDOWS\system32> docker create -t -i mycontainerimage
4924f8bb0af45fa3a5f35c00a92655c765cae34dc4649bc10e0f5f0e1ee739fd
PS C:\WINDOWS\system32> docker ps -a
CONTAINER ID    IMAGE                 COMMAND                 CREATED          STATUS                          PORTS                     NAMES
4924f8bb0af4    mycontainerimage      "dotnet Course5.dll"    27 seconds ago   Created                                                   determined_mclean
3b07cda69fa4    course5:dev           "C:\\remote_debugger\\…" 19 minutes ago   Up 19 minutes                   0.0.0.0:59944->80/tcp     dockercompose9159972060338
664168_course5_1
89b55dcbdb0d    mycontainerimage:latest "dotnet Course5.dll"  21 minutes ago   Up 20 minutes                   80/tcp                    myservice.1.z4hwfahgtrehhr
nydkff5t3n4
ce7f7f5156b9    mycontainerimage:latest "dotnet Course5.dll"  30 minutes ago   Exited (3221225786) 21 minutes ago                         myservice.1.9yqohdon84krp6
fuznq2bytc7
8b501cb64737    hello-world           "cmd /C 'type C:\\hel…" 2 days ago       Exited (0) 2 days ago                                     adoring_noether
683196ceb1d4    mycontainerimage      "dotnet Course5.dll"    2 days ago       Exited (3221225786) 2 days ago                            cranky_borg
PS C:\WINDOWS\system32>
```

Docker start Id


```
Administrator: Windows PowerShell
PS C:\WINDOWS\system32> docker create -t -i mycontainerimage
4924f8bb0af45fa3a5f35c00a92655c765cae34dc4649bc10e0f5f0e1ee739fd
PS C:\WINDOWS\system32> docker ps -a
CONTAINER ID    IMAGE                 COMMAND                 CREATED          STATUS                          PORTS                     NAMES
4924f8bb0af4    mycontainerimage      "dotnet Course5.dll"    27 seconds ago   Created                                                   determined_mclean
3b07cda69fa4    course5:dev           "C:\\remote_debugger\\…" 19 minutes ago   Up 19 minutes                   0.0.0.0:59944->80/tcp     dockercompose9159972060338
664168_course5_1
89b55dcbdb0d    mycontainerimage:latest "dotnet Course5.dll"  21 minutes ago   Up 20 minutes                   80/tcp                    myservice.1.z4hwfahgtrehhr
nydkff5t3n4
ce7f7f5156b9    mycontainerimage:latest "dotnet Course5.dll"  30 minutes ago   Exited (3221225786) 21 minutes ago                         myservice.1.9yqohdon84krp6
fuznq2bytc7
8b501cb64737    hello-world           "cmd /C 'type C:\\hel…" 2 days ago       Exited (0) 2 days ago                                     adoring_noether
683196ceb1d4    mycontainerimage      "dotnet Course5.dll"    2 days ago       Exited (3221225786) 2 days ago                            cranky_borg
PS C:\WINDOWS\system32> docker start 4924f8bb0af45fa3a5f35c00a92655c765cae34dc4649bc10e0f5f0e1ee739fd
4924f8bb0af45fa3a5f35c00a92655c765cae34dc4649bc10e0f5f0e1ee739fd
PS C:\WINDOWS\system32>
```

Configure Continuous Delivery to Azure

Edit App Service

App name: Course5-20180328172959657-dev-as
Location: Canada East
Resource Group: Course5-5-dev-rg (new)
App Service Plan: Course5-10-dev-asp (new)
Service Plan size: F1 - Free

Review Azure App Service pricing   OK   Cancel

2:47 / 3:55

Configure Continuous Delivery to Azure

Start a build and release now or whenever you check in code.

Select a Repository Branch

Repository: Course5
Branch: master

Select Target Azure Resources

Subscription: Pay-As-You-Go
Host type: App Service (Windows)
App Service: Course5-20180328172959657-dev-as (new)   Edit...

Enabling continuous delivery will:

Create an Azure App Service with the F1 Service Plan

Create a build definition on Visual Studio Team Services that targets the selected repository.

Create a release definition targeting your selected Azure App Service

Visual Studio Team Services continuous delivery is a free service

What is continuous delivery?

Review Azure App Service pricing

OK   Cancel

3:00 / 3:55

Top screenshot:

Course5 - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Test R Tools Analyze Window Help

Quick Launch (Ctrl+Q)   Sign in

Debug   Any CPU   ▶ Docker

Server Explorer Toolbox

Team Explorer - Synchronization

Search Work Item

Synchronization | Course5

Branch: master
Sync | Fetch | Pull | Push | Actions ▾

◢ Incoming Commits
Fetch | Pull
There are no incoming commits.

◢ Outgoing Commits
Push | View Summary
There are no outgoing commits.

Output

Show output from: Continuous Delivery Tools

```
Configuring continuous delivery. This might take several minutes...

Creating Azure resources:
  Creating Resource Group Course5-5-dev-rg....done
  Creating App Service Plan Course5-10-dev-asp.......done
  Creating App Service Course5-20180328172959657-dev-as........done

Creating VSTS build and release definitions.................
```

⏸ 3:21 / 3:55

Bottom screenshot:

Course5 - Microsoft Visual Studio (Administrator)

File Edit View Project Build Debug Team Tools Test R Tools Analyze Window Help

Quick Launch (Ctrl+Q)   Sign in

Debug   Any CPU   ▶ Docker

Server Explorer Toolbox

Team Explorer - Synchronization

Search Work Item

Synchronization | Course5

Branch: master
Sync | Fetch | Pull | Push | Actions ▾

◢ Incoming Commits
Fetch | Pull
There are no incoming commits.

◢ Outgoing Commits
Push | View Summary
There are no outgoing commits.

Output

Show output from: Continuous Delivery Tools

```
  Creating Resource Group Course5-5-dev-rg....done
  Creating App Service Plan Course5-10-dev-asp.......done
  Creating App Service Course5-20180328172959657-dev-as........done

Creating VSTS build and release definitions......................................................done

The continuous build delivery setup for Team Project course5 completed successfully. Builds are now automatically generated and deployed to App Service Course5-2018032817
Details:
  Azure App Service: Course5-20180328172959657-dev-as
  VSTS Team Project: Course5 (https://stefansamms-outlook.visualstudio.com/Course5)
  VSTS build definition: https://stefansamms-outlook.visualstudio.com/_permalink/_build/index?collectionId=dae4dd12-b37d-468a-9400-1a96bf8946c1&projectId=c811bd6d-3163-46
  VSTS release definition: https://stefansamms-outlook.visualstudio.com/c811bd6d-3163-40d2-ac73-905083efff77/_release?definitionId=2
```

Error List Output

Ready   ↑ 0   ✎ 0   ◈ Course5   ⑂ master