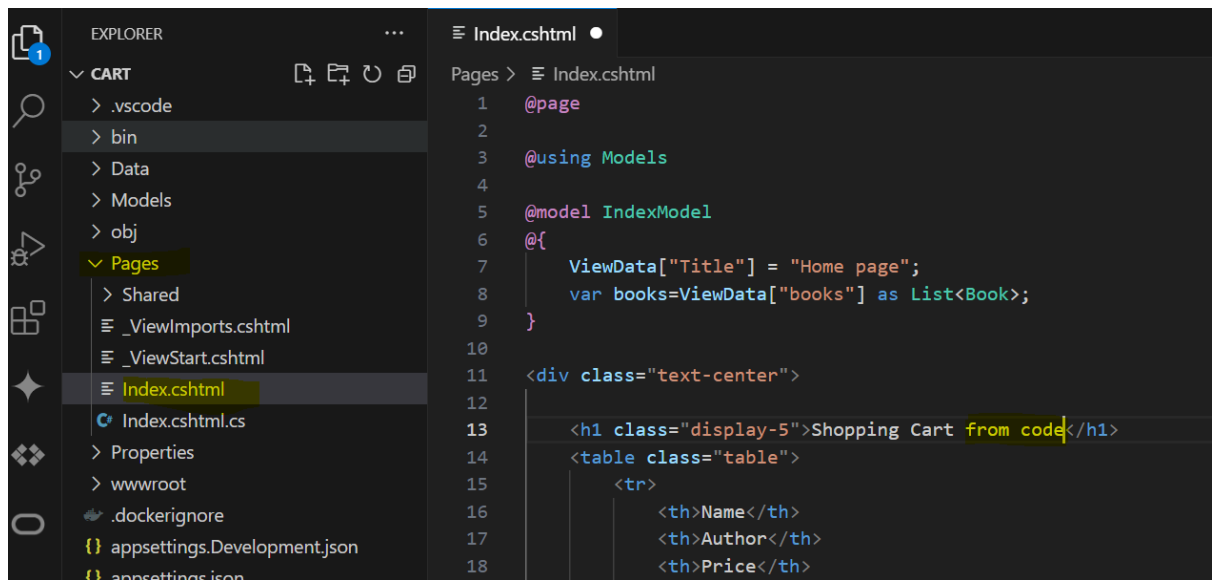


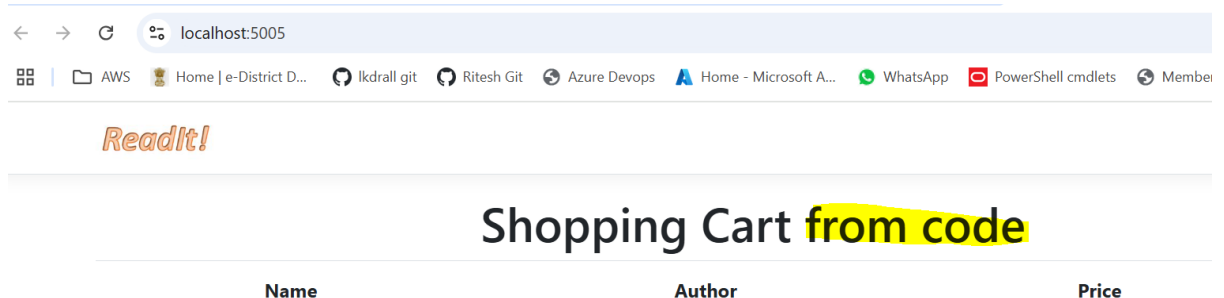
In this lab we will create a new version of Cart app and will use direct deploy from source option for cloud run

- 1) Go to vscode and open cart folder, go to file named Index.cshtml under pages and add “from code” in line 13. This will distinguish our new version and show that this version was deployed directly from code



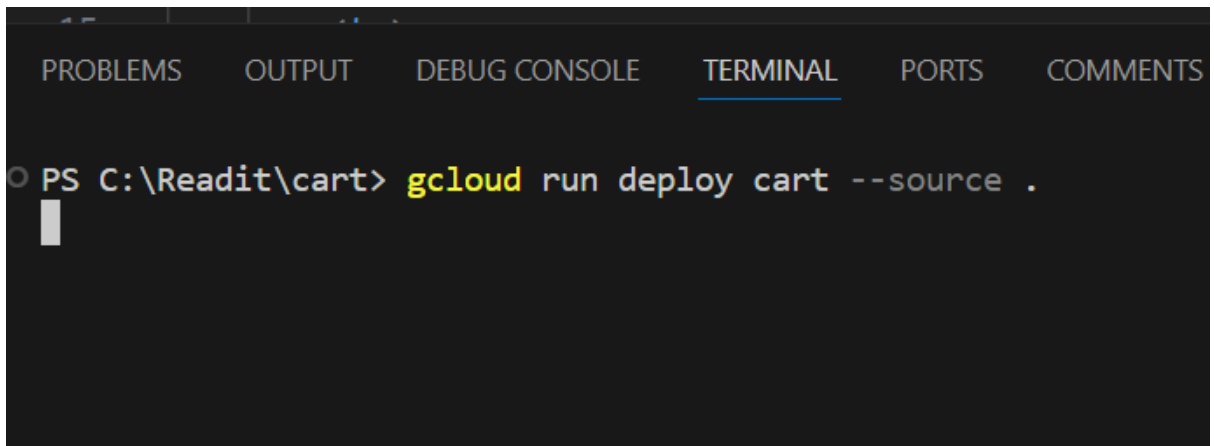
```
1 @page
2
3 @using Models
4
5 @model IndexModel
6 @{
7     ViewData["Title"] = "Home page";
8     var books=ViewData["books"] as List<Book>;
9 }
10
11 <div class="text-center">
12
13     <h1 class="display-5">Shopping Cart from code</h1>
14     <table class="table">
15         <tr>
16             <th>Name</th>
17             <th>Author</th>
18             <th>Price</th>
```

- 2) Run code locally by pressing F5 and this should open cart webpage with new version i.e. from code



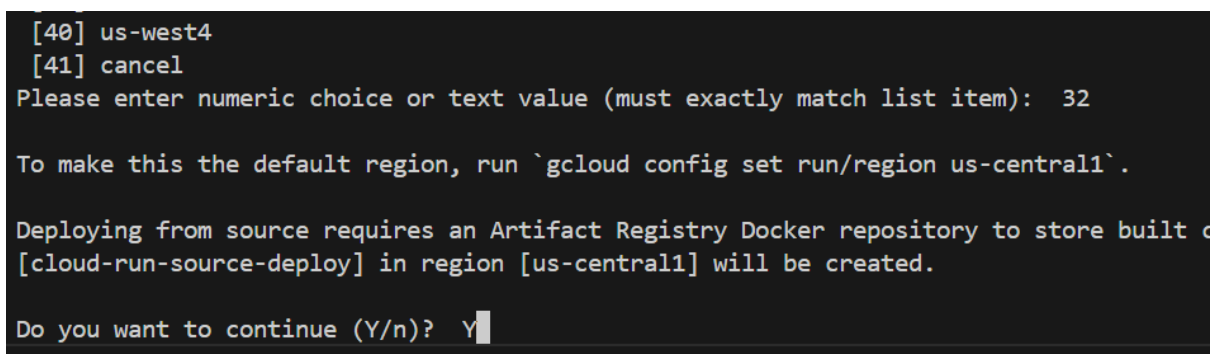
- 3) Go back to VS code and we can stop the running, the open the terminal
- 4) Run command below
gcloud run deploy cart --source .

Note, here --source . means to run it right from the folder where we are now



```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
PS C:\Readit\cart> gcloud run deploy cart --source .
```

- 5) When it asks for the region, give the same region which we used in previous lab and then Y



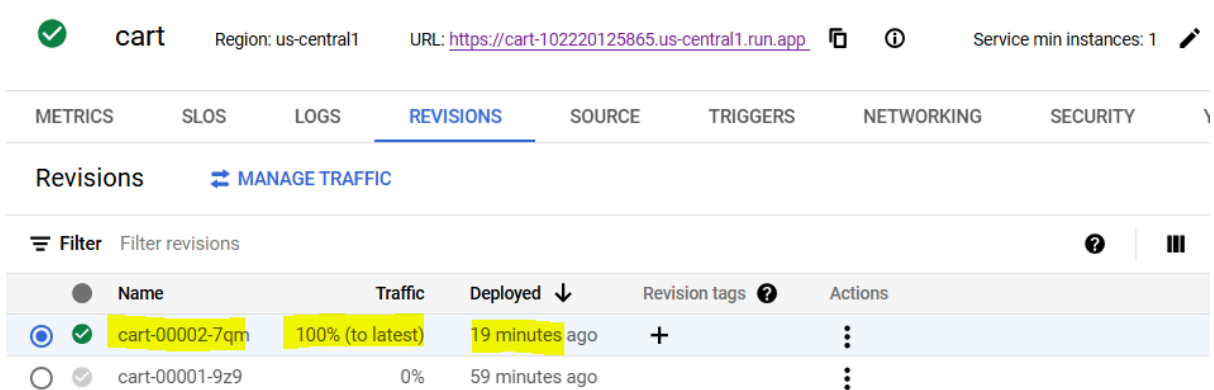
```
[40] us-west4
[41] cancel
Please enter numeric choice or text value (must exactly match list item): 32

To make this the default region, run `gcloud config set run/region us-central1`.

Deploying from source requires an Artifact Registry Docker repository to store built c
[cloud-run-source-deploy] in region [us-central1] will be created.

Do you want to continue (Y/n)? Y
```

- 6) Once completed successfully, go to the GCP console again, refresh the page, and under revisions now you will now see another version created. Note that now all traffic is going to the newer deployment



✓	cart	Region: us-central1	URL: https://cart-102220125865.us-central1.run.app	📄	ⓘ	Service min instances: 1	✎
METRICS	SLOS	LOGS	<u>REVISIONS</u>	SOURCE	TRIGGERS	NETWORKING	SECURITY
Revisions		⇄ MANAGE TRAFFIC					
Filter Filter revisions							
	Name	Traffic	Deployed ↓	Revision tags ?	Actions		
<input checked="" type="radio"/>	✓ cart-00002-7qm	100% (to latest)	19 minutes ago	+	⋮		
<input type="radio"/>	✓ cart-00001-9z9	0%	59 minutes ago		⋮		

- 7) Click on the link again, and now it should open the new version, which is from code

ReadIt!

Shopping Cart from code

Name

Author

Price

- 8) Go to manage traffic, here we can explore options about managing traffic between different versions (no need to change anything, only check options)

Revision	Traffic
Revision 1 * Latest healthy revision	100
Revision 2 *	0

- 9) Go to Artifactory page, there will see a new repository is created with same name as we discussed in theory part. Open this repo and you will see a cart docker image there. It was automatically created during this deployment as we discussed in behind the scenes part of deploy from source

Name	Format	Type	Location	Scanning (Disabled)	Description	Labels	Version p
cloud-run-source-deploy	Docker	Standard	us-central1 (Iowa)	Disabled	Cloud Run...		—
my-repo	Docker	Standard	us-central1 (Iowa)	Disabled			—

- 10) Now go to VS Code and open Cloud Run (GCP Cloud) option from VS Code, here under Cloud Run we can see the cart details we just deployed via VS Code, from

here as well we can check the details of the instance created by this deployment

