A3

Web apps

CHAPTER ASSIGNMENT

Name _____ Class _____ No. _____ Date _____

> Write your code in the space, then test it in the Apps Script editor. Mark where it went wrong if it did.

Questions from the Guru Jazzy chapter page, for classroom use.

Practice tasks

1. **Dice API** (Easy). A web app that returns JSON like `{"sides":20,"roll":13}` for `?sides=20`, defaulting to 6 and never allowing fewer than 2 or more than 100 sides.

2. **Two pages** (Medium). Make one web app show `Index.html` normally and `About.html` for `?page=about`. Add links between them using `ScriptApp.getService().getUrl()` and `target="_top"`.

3 **Guestbook** (Challenge). A public page that shows the last 10 messages from a sheet and has a form to add one. Use every protection from the doPost tab, and escape messages when you display them.

Chapter quiz

Q1 Which function runs when someone opens the web app URL in a browser?

A	B	C	D
onOpen	main	doGet	doPost

Q2 You changed Code.gs, but the /exec link still shows the old version. Why?

A	B	C	D
Browser cache	It's pinned to a version: Manage deployments → Edit → New version	Web apps never update	You must delete the project

Q3 "Execute as: Me" and "Who has access: Anyone" means...

A	B	C	D
Only you can open it	Anyone can open it, and it runs with your permissions	Each visitor must authorize it	It is private

Q4 How does doGet read ?room=M.5/3 from the URL?

A	B	C	D
e.query.room	e.parameter.room	URL.room	request.get("room")

Q5 To return JSON from a web app you use...

A	B	C	D
HtmlService	ContentService.createTextOutput(JSON.stringify(x)).setMimeType(JSON)	console.log	return x

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Q6 Why does clean() put a ' in front of text starting with = + - @?

A	B	C	D
For style	So a submitted value can’t become a spreadsheet formula (formula injection)	To count characters	Sheets requires it

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End of assignment · Check your answers against the chapter at gurujazzy.com/subjects/apps-script/a3-web-apps/