✓ **Congratulations! You passed!**

Grade received 100% | **Latest Submission Grade** 100% | **To pass** 70% or higher | **Go to next item**

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1. In which formats can you share a notebook with other users? **1 / 1 point**

- ⦿ PDF
- ◯ doc
- ◯ xls
- ◯ ppt

✓ **Correct**
Correct! You can export the notebook to a PDF or HTML file that can be shared with anyone.

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2. What is a feature of a JupyterLab? **1 / 1 point**

- ◯ Allows access to a single Notebook
- ◯ Allows support of a single HTML file format
- ⦿ Interactive control of the notebook cells and output
- ◯ Is not an open source

✓ **Correct**
Correct! JupyterLab allows interactive control of the notebook cells and output.

---

3. Which option gives the output of the current highlighted code cell in Jupyter Notebook? **1 / 1 point**

- ◯ **Edit -> Run**
- ◯ **Run -> Render All Markdown Cells**
- ⦿ **Run-> Run Selected Cells**
- ◯ **Run -> Run All Cells**

✓ **Correct**
Correct! To get an output from a code cell, place your cursor in the cell, click on Run on the top of your screen, and click **Run Selected Cells** to run the current highlighted cells.

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4. How can you switch the kernel in the Jupyter Notebook? **1 / 1 point**

- ◯ By clicking the top left of the notebook
- ⦿ By clicking the top right of the notebook
- ◯ By clicking on the Code option
- ◯ From the Edit menu on top of the notebook

✓ **Correct**
Correct! You can also run other kernels by choosing the preferred kernel on the launch page or by clicking the top right and picking the kernel from the drop-down menu.

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5. Which of the following can be used to work with Jupyter Notebook? **1 / 1 point**

- ◯ Notepad++
- ⦿ Browser
- ◯ Notepad
- ◯ Explorer

✓ **Correct**
Correct! The kernel executes the code and returns the result to the client browser for display.

6. What do you use to convert the ipynb file to other formats? `1 / 1 point`

- ◉ Exporter
- ○ Postprocessor
- ○ Preprocessor
- ○ Client Browser

> ⊘ **Correct**
> Correct! The Exporter converts the notebook into the new file format using the NB convert tool.

7. What is one of the features of JupyterLite? `1 / 1 point`

- ○ It is not a static website
- ○ Default kernel is SQLite
- ○ Requires a dedicated server
- ◉ Can create interactive graphics and visualizations

> ⊘ **Correct**
> Correct! JupyterLite can be used to create interactive graphics and visualizations, because it supports many visualization libraries like Altair, Plotly, and ipywidgets.

8. What is one of the features of GoogleColab? `1 / 1 point`

- ◉ You can clone GitHub projects and execute them in GoogleColab
- ○ GoogleColab projects are stored on the local machine
- ○ GoogleColab Jupyter notebooks execute on a server
- ○ You need to set up and install GoogleColab Jupyter notebooks

> ⊘ **Correct**
> Correct! You can clone projects from GitHub and execute them in GoogleColab.

9. Which environment is used for creating and modifying Jupyter Notebooks on a local device? `1 / 1 point`

- ○ SQLite
- ○ Python
- ◉ Visual Studio Code
- ○ GoogleColab

> ⊘ **Correct**
> Correct! JupyterLab and VS Code are popular environments for creating and modifying Jupyter notebooks on a local device.

10. How can you execute Python code in Visual Studio code? `1 / 1 point`

- ○ By selecting Code from the drop-down menu
- ○ By selecting Markdown from the drop-down menu
- ○ By clicking on Download as
- ◉ By installing Python extensions

> ⊘ **Correct**
> Correct! To execute Python code in VS Code, you must install Python extensions.