✓ **Congratulations! You passed!**

Grade
received **100%**

**Latest Submission
Grade** 100%

To pass 70% or higher

[Go to next item]

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

    ○ doc
    ○ ppt
    ○ xls
    ⦿ PDF

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

    `1 / 1 point`

2. What is a feature of a JupyterLab?

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

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

    `1 / 1 point`

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

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

    ✓ **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.

    `1 / 1 point`

4. How can you switch the kernel in the Jupyter Notebook?

    ○ By clicking on the Code option
    ○ By clicking the top left of the notebook
    ○ From the Edit menu on top of the notebook
    ⦿ By clicking the top right 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.

    `1 / 1 point`

5. Which of the following can be used to work with Jupyter Notebook?

    ○ Notepad
    ⦿ Browser
    ○ Explorer
    ○ Notepad++

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

    `1 / 1 point`

6. What do you use to convert the ipynb file to other formats?

    ⦿ Exporter
    ○ Postprocessor
    ○ Preprocessor
    ○ Client Browser

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

    `1 / 1 point`

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

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

✓ **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`

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

✓ **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 installing Python extensions
- ◯ By clicking on Download as
- ◯ By selecting Markdown from the drop-down menu
- ◯ By selecting Code from the drop-down menu

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