•

**What is the purpose of the** \_\_init\_\_ **method in a Python class?**

• A. To initialize class variables

• B. To define class methods

• C. To create a new instance of the class

• D. To delete an instance of the class

**\* A. To initialize class variables**

**How do you create a dictionary in Python?**

• A. dict my\_dict = {'key': 'value'};

• B. my\_dict = [1, 2, 3];

• C. var my\_dict = {'key': 'value'};

• D. my\_dict = (1, 2, 3);

**\* A.** dict my\_dict = {'key': 'value'};

**What is the purpose of the** import **statement in Python?**

• A. Imports external libraries or modules

• B. Adds comments to the code

• C. Declares variables

• D. Terminates the program

**\*A. Imports external libraries or modules**

What is the purpose of the for loop in Python?

• A. Adds a line break to the output

• B. Creates a loop that iterates over a sequence of elements

• C. Terminates the program

• D. Defines a default case

• \*B. Creates a loop that iterates over a sequence of elements

**What does the** return **statement do in a function?**

• A. Prints a message to the console

• B. Exits the program

• C. Ends the current iteration of a loop

• D. Specifies the value to be returned from a function

**\*D. Specifies the value to be returned from a function**

In HTML, what does the alt attribute of the <img> tag specify?

• A. The alternative text for an image

• B. The alignment of the image

• C. The width of the image

• D. The source URL of the image

• \*A. The alternative text for an image

How do you add an external JavaScript file to an HTML document?

• A. <script src="myscript.js">

• B. <js src="myscript.js">

• C. <include src="myscript.js">

• D. <javascript src="myscript.js">

• \*A. <script src="myscript.js">

What is the purpose of the border-radius property in CSS?

• A. Adds space between the content and the border of an element

• B. Specifies the radius of a border corner

• C. Sets the background image of an element

• D. Changes the font size of an element

• \*B. Specifies the radius of a border corner

How do you define a variable in JavaScript?

• A. var myVar;

• B. variable myVar;

• C. let myVar;

• D. const myVar;

• \*C. let myVar;

What is the purpose of the background property in CSS?

- A. Defines the background image of an element

- B. Sets the background color of an element

- C. Specifies the border color of an element

- D. Changes the font color of an element

- \*A. Defines the background image of an element