

Working with Python, you have the opportunity to either use a predefined function/method or write a user-defined function/method. x

In this discussion,

- **provide at least three criteria** that would be used to develop an appropriate method of your choice and the rationale behind the selection of these criteria. X

Then, provide an example of your method declaration and return type. X

Hello,

When deciding whether or not to write a user-defined function, I first consider the following:

- Does a predefined function exist for the task? If yes, I think about any possible improvements for the function and determine whether or not it's worth it to implement.
- Does the task occur throughout the program? If yes, I'll abstract the functionality to make it reusable.
- Does the task occur within a larger task and/or involve data manipulation? If yes, I'll isolate the functionality to isolate bugs.

If I decide to write a function, I establish what is the expected input and output and what is the logic required to perform the task (Sturtz, n.d.).

Timer Method

Thanks,
Lauren

References

Sturtz, J. *Defining Your Own Python Function*. Real Python.

<https://realpython.com/defining-your-own-python-function/#functions-in-python>