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# Identifying Needs

**What is the need or problem? (write it in your own words)**

We need to categorise and determine what type of amphibian an animal is.

**What are the time constraints?**

We have to complete this within the given amount of time for the assessment.

**How will you plan to use your available time? (divide tasks across the available time)**

I have used class time effectively, and I have also done work on the assessment at home.

# Researching

**What do we need to know?**

* We need to know how to write python code
* We need to know about how to classify amphibians

**Where can we access information and resources?**

* We can use websites like Stackoverflow for help and questions relating to programs
* We can use scientific government websites to learn about how to classify amphibians

# Generating Ideas

**What options and alternatives are there?**

* Using if-elif-else to ask questions using an input
* Using Tkinter to display a graphical user interface that accomplishes the same thing as above

**Which option/alternative will you pursue?**

* The Tkinter method

# Developing Solutions

**Draw, sketch, describe your planned solution**

I have used a JSON file using ‘paths’ that link to other paths

Add a brief written explanation about how it will work and design considerations you have incorporated.

# Creating, refining, testing

Now build your production. Keep track of any problems, how you overcame them, where you got ideas or help from and document that here.

# Evaluating

How did your project go?

What were the good parts?

What are the bad parts?

What would you improve if you had more time?

How did you go, could you have worked better, smarter?