```
1  def _c_optimizations_available():
2      """
3      Return the C optimization module, if available, otherwise a false value.
4      If the optimizations are required but not available, this raises the ImportError.
5      This does not say whether they should be used or not.
6      """
```

The prompt missing the" C optimization" module message results in CoT being unable to load the correct one.

CoT Steps
1. Import the required module:
   - Import the `importlib.util` module to check for the availability of the C optimization module.
2. Define the function `_c_optimizations_available`:
   - Create a function named `_c_optimizations_available`.
3. Specify the name of the C optimization module:
   - Define a variable to hold the name of the C optimization module.
4. Check for module availability:
   - Use `importlib.util.find_spec` to check if the specified C optimization module is available.
5. Return the result:
   - If the module is found, return the module.
   - Otherwise, return a false value.

Generated Code

```
1  import importlib.util
2  def _c_optimizations_available():
3      """
4      If available, return the C optimization module, otherwise a false value.
5      """
6      module_name = '_c_optimizations_module_name'  # Replace with actual module name
7      spec = importlib.util.find_spec(module_name)
8      if spec is not None:
9          return importlib.util.module_from_spec(spec)
10     else:
11         return False
```