

Python: how to encode a string in MD5 format

In this article we will see how to encode a string in MD5 with Python.

We can take advantage of the methods and features offered by the `hashlib` core module.

```
import hashlib

def md5_encode_string(string_to_encode=None):
    if string_to_encode is None:
        return None
    return
    hashlib.md5(string_to_encode.encode()).hexdigest()
```

The bytes obtained from the input string with the `encode()` method must be passed to the `md5()` constructor. So to get the final string in hexadecimal format we need to invoke the `hexdigest()` method.