If the user wants to input a string as the key, which function in the above code should we modify? What method would you use to rewrite this function?

To enable the use of strings as keys, we would need to modify the hash function. Currently, it assumes that you're passing an integer as the key, and it uses the module operation, which requires the use of integers. To solve this problem, we can use the built in Python hash() method, that generates a hash value (integer), and then proceed with implementing our approach.

```
def hash(self, key, size):
    return hash(key) % size
```