

**Q: 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?**

The function that would need to be modified would be the “hash” function because the current function returns the remainder of “key” divided by “size”. This function would need to be changed because it would cause a ‘type’ error when trying to divide a string by an integer. I would make a modification to the hash function that would compute an integer from the string and use that as the ‘key’ for the remainder method already in place.