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Hash String

Casos de pruebas:

1) **Archivo vacío (sin saltos de línea o espacios)**

```
C:\Users\Omen\Documents\Advanced-Algorithms\hash-encryption(master -> origin)
λ .\main.exe


[ERROR]: The file Archivo.txt is empty
```

2) **Con caracteres dentro del archivo**

```
C:\Users\Omen\Documents\Advanced-Algorithms\hash-encryption(master -> origin)
λ .\main.exe

[SUCCESSFUL]: The file Archivo.txt was read correctly, and has at least one character, including line breaks

Type n: 16

[SUCCESSFUL]: n is a multiple of 4 and (16 <= n <= 64)

File size: 29
Rows: 2
Cols: 16
n: 16

ASCII input:
        10 104 111 108 97 32 109 117 110 100 111 10 49 50 51 52 53 54 55 56 57 48 49 50 51 52 53 55 56

ASCII matrix:
        10 104 111 108 97 32 109 117 110 100 111 10 49 50 51 52
        53 54 55 56 57 48 49 50 51 52 53 55 56 16 16 16

Array a:
        63 158 166 164 154 80 158 167 161 152 164 65 105 66 67 68

Groups n/4:
        551 559 542 306

Groups n/4 in HEX:
        227 22F 21E 132
```

3) **N diferente a multiplo de 4**

```
C:\Users\Omen\Documents\Advanced-Algorithms\hash-encryption(master -> origin)
λ .\main.exe


[SUCCESSFUL]: The file Archivo.txt was read correctly, and has at least one character, including line breaks

Type n: 7

[ERROR]: n must be a multiple of 4 and (16 <= n <= 64)
```

4) **N mayor a 64**

```
C:\Users\Omen\Documents\Advanced-Algorithms\hash-encryption(master -> origin)
λ .\main.exe

[SUCCESSFUL]: The file Archivo.txt was read correctly, and has at least one character, including line breaks

Type n: 65

[ERROR]: n must be a multiple of 4 and (16 <= n <= 64)
```

5) **N menor a 16**

```
C:\Users\Omen\Documents\Advanced-Algorithms\hash-encryption(master -> origin)
λ .\main.exe


[SUCCESSFUL]: The file Archivo.txt was read correctly, and has at least one character, including line breaks

Type n: 15

[ERROR]: n must be a multiple of 4 and (16 <= n <= 64)
```