## Rest

```
for i in range (1,5):
    menu = input (f'        ')
    price = input (f'        ')
    dash = 20 - len(menu) - len(price)
    pt (f' {menu} {"-" * (dash)} {price}'
```

## Card Payment

```
card = "4455 1122 3344 8899"
display = card [15:]
four = "x" * 4 + " "
DISPNO = four *3 + display
```

## Palindrom

```
S1 = "Race Car"
S2 = S1. replace (" ", "")
rev = S2 [:: -1]
if S2.casefold () == rev. casefold ():
    pt (" pal ')

else: pt ('not'
```

```python
S1 = "snooze alarms"
S2 = "alas, no more z's"

S1 = S1.casefold()
S2 = S2.casefold()

for i in S1:
    if i.isalnum():
        if S1.count(i) != S2.count(i):
            pt('No')
            break
    else:
        pt('Anagram')
```

## Data Cleaning

~~X~~

```python
S1 = "sworw232343((()))"
S2 = ""

for i in S1:
    if i.isalnum() or i.isspace():
        S2 = S2 + i
```

## Password

```python
password1 = input("     ")
password2 = input("     ")

if password1 == password2:
    pt("   ")

else:
    if password1.casefold() == password2.casefold()
        pt(" casefold ")

    else:
        pt(" not same")
```