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In [46]: class RestaurantCheck:
    def __init__(self, check_number, sales_tax_percent, subtotal, table_number, server_name):
        self.check_number = check_number
        self.sales_tax_percent = sales_tax_percent
        self.subtotal = subtotal
        self.table_number = table_number
        self.server_name = server_name

    def calculate_total(self):
        sales_tax_amount = (self.sales_tax_percent / 100) * self.subtotal
        total = self.subtotal + sales_tax_amount
        return total

    def print_check(self):
        total = self.calculate_total()

        # Create the check file
        filename = f"check{self.check_number}.txt"
        with open(filename, "w") as file:
            file.write(f"Check Number: {self.check_number}\n")
            file.write(f"Sales tax: {self.sales_tax_percent}%\n")
            file.write(f"Subtotal: ${self.subtotal:.2f}\n")
            file.write(f"Total: ${total:.2f}\n")
            file.write(f"Table Number: {self.table_number}\n")
            file.write(f"Server: {self.server_name}\n")

        print(f"Check details have been written to {filename}.")

# Test the class
check = RestaurantCheck(443, 6.0, 23.14, 17, "Sonic the Hedgehog")
check.print_check()
```

Check details have been written to check443.txt.

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In [45]: import re

def validate_phone_number(phone_number):
    # Phone number validation (Must be 10 digits)
    if not re.match(r'^\d{10}$', phone_number):
        return False
    return True

def validate_name(name):
    # name
    if not re.match(r'^[A-Z][a-zA-Z\s]*$', name):
        return False
    return True

def validate_email(email):
    # Email validation
    if not re.match(r'^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$', email):
        return False
    return True

def validate_date(date):
    # Date validation (DD-MM-YYYY)
    if not re.match(r'^(0[1-9]|1[0-9]|2[0-9]|3[01])-(0[1-9]|1[0-2])-\d{4}$', date):
        return False
    return True

phone_number="9054789632"
name="Meghana"
email="abc@abc.com"
date="05-05-2023"

if validate_phone_number(phone_number):
    print("Phone number is valid.")
else:
    print("Phone number is invalid.")

if validate_name(name):
    print("Valid name")
else:
    print("Invalid name")

if validate_email(email):
    print("Email is valid.")
else:
    print("Email is invalid.")

if validate_date(date):
    print("Date is valid.")
else:
    print("Date is invalid.")
```

Phone number is valid.
Valid name
Email is valid.
Date is valid.