In [16]:
```python
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):
        total = self.subtotal + (self.subtotal * self.sales_tax_percent / 100)
        return total

    def print_check(self):
        file_name = f"check{self.check_number}.txt"
        with open(file_name, '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: ${self.calculate_total():.2f}\n")
            file.write(f"Table Number: {self.table_number}\n")
            file.write(f"Server: {self.server_name}\n")

        print(f"Check details written to {file_name}")
check = RestaurantCheck(443, 6.0, 23.14, 17, "Sonic the Hedgehog")
check.print_check()
```

```
Check details written to check443.txt
```

In [27]:
```python
import re

def validate_input(phone, name, email, date):
    phone_pattern = r'^\d{10}$'
    if not re.match(phone_pattern, phone):
        return False
    name_pattern = r'^[A-Z][a-zA-Z ]*$'
    if not re.match(name_pattern, name):
        return False
    email_pattern = r'^[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}$'
    if not re.match(email_pattern, email):
        return False
    date_pattern = r'^\d{2}-\d{2}-\d{4}$'
    if not re.match(date_pattern, date):
        return False

    return True
phone = "1234575355"
name = "Jack"
email = "jack@gmail.com"
date = "26-04-2013"

if validate_input(phone, name, email, date):
    print("Input is valid.")
else:
    print("Input is invalid.")
```

```
Input is valid.
```