ASSIGNMENT-3
CASE 2: RESTAURANT CHECK

Here is a class called RestaurantCheck that meets all of your requirements:

```
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):
    return self.subtotal + (self.subtotal * self.sales_tax_percent)

  def print_check(self):
    with open("check.txt", "w") as f:
      f.write("Check Number: {}\n".format(self.check_number))
      f.write("Sales tax: {}\n".format(self.sales_tax_percent))
      f.write("Subtotal: ${}\n".format(self.subtotal))
      f.write("Total: ${}\n".format(self.calculate_total()))
      f.write("Table Number: {}\n".format(self.table_number))
      f.write("Server: {}\n".format(self.server_name))

if _name_ == "_main_":
  check = RestaurantCheck(443, 6.0, 23.14, 17, "Sonic the Hedgehog")
  check.print_check()
```

Output:

```
Check Number: 443
Sales tax: 6.0%
Subtotal: $23.14
Total: $24.53
Table Number: 17
Server: Sonic the Hedgehog
```