CODE SAMPLES

MAIN FILE SOLUTION

```
from File import File
from Person import Person
from Contact import Contact
from Stat import Stat
from Account import Account

source = "C:\\Users\\kpark\\Downloads\\MOCK_DATA.csv"
destination = "C:\\Users\\kpark\\Downloads\\"

file = File(source, destination)
accounts = list()
for record in file.get_accounts():
    person = Person(record)
    stat = Stat(record)
    contact = Contact(record)
    account = Account(record, person, contact, stat)
    accounts.append(account)
file.write_accounts(accounts)
```

WRITE ACCOUNTS FUNCTION

```
def write_accounts(self, accounts: list):
    with open(self.destination, 'w', newline='')as csv_file:
        fieldnames = ['last_name', 'first_name', 'cell', 'home', 'account#', 'score']
        writer = csv.DictWriter(csv_file, fieldnames=fieldnames)
        writer.writeheader()
        account: Account
        for account in accounts:
            writer.writerow({'last_name': account.person.last_name,
                             'first_name': account.person.first_name,
                             'cell': account.contact.cell,
                             'home': account.contact.home_phone,
                             'account#': account.account_number,
                             'score': account.stat.get_score()})
```

CREATING THE FILE PATH WITH CURRENT DATE

```
def __init__(self, source: str, destination: str):
    self.source = source
    self.destination = f"{destination}dial{datetime.datetime.now().strftime('%Y%m%d')}.csv"
```