CISC 327 GROUP-51
Code Coverage Analysis - A4

Running the coverage report:

a. change the directory to the corresponding folder, Assignment-4

b. make sure that the coverage module is installed (if not, running command <pip install coverage> should install it)

c. run the code <coverage run -m unittest discover -s tests -p "*.py"> to run all Python unittests in the tests directory with coverage tracking to measure how much of the code is tested

d. now type in <coverage report -m> to display the reported coverage test to the console

e. you can shorten steps b and c by running combined code <coverage run -m unittest discover -s tests -p "*.py" && coverage report -m>

f. from assignment 3, running the module should give the following report:

```
(base) hassan@MacBookAir Assignment-3 % coverage report -m
Name                          Stmts   Miss   Cover   Missing
--------------------------------------------------------------
app.py                           96     19     80%   74, 136-153, 158, 168
database_op.py                   59     21     64%   22, 36-41, 68-73, 77-83, 89
init_tables.py                   11      7     36%   10-31, 34
tests/payment_test.py           112      1     99%   147
tests/test_login.py              36      1     97%   57
tests/test_registration.py       34      1     97%   92
--------------------------------------------------------------
TOTAL                           348     50     86%
```