

Menu:

p: Print all the users pass or fail

n: Print only the user with a specific first initial

g: Calculate the GPA of a given student

c: Print whether each user passed or failed the same class

t: Print the number of classes for the instructor

d: Print the department of all persons according to the role

l: Print the course_id of a given student

e: Quit the program

Enter your choice: p

220015001:BB:PASS

220015002:BB:PASS

220015003:AA:PASS

220015004:BB:PASS

220015005:CC:PASS

220015006:AA:PASS

220015007:CC:PASS

220015008:DD :PASS

220015009:BB:PASS

220015010:FF :FAIL

220015011:FF :FAIL

220015012:FF :FAIL

220015013:DD :PASS

220015014:DD :PASS

220015015:CC:PASS

220015016:AA:PASS

220015017:DD :PASS

220015018:CC:PASS

220015019:CC:PASS

220015020:DD :PASS

220015021:DD :PASS

220015022:CC:PASS

220015023:DD :PASS

220015024:DD :PASS

220015025:CC:PASS

210015001:DD :PASS

210015002:AA:PASS

210015003:DD :PASS

210015004:DD :PASS

210015005:AA:PASS

210015006:DD :PASS

210015007:DD :PASS

210015008:DD :PASS

210015009:DD :PASS

210015010:AA:PASS

210015011:AA:PASS

210015012:AA:PASS

e: Quit the program
Enter your choice: p
220015001:BB:PASS
220015002:BB:PASS
220015003:AA:PASS
220015004:BB:PASS
220015005:CC:PASS
220015006:AA:PASS
220015007:CC:PASS
220015008:DD :PASS
220015009:BB:PASS
220015010:FF :FAIL
220015011:FF :FAIL
220015012:FF :FAIL
220015013:DD :PASS
220015014:DD :PASS
220015015:CC:PASS
220015016:AA:PASS
220015017:DD :PASS
220015018:CC:PASS
220015019:CC:PASS
220015020:DD :PASS
220015021:DD :PASS
220015022:CC:PASS
220015023:DD :PASS
220015024:DD :PASS
220015025:CC:PASS
210015001:DD :PASS
210015002:AA:PASS
210015003:DD :PASS
210015004:DD :PASS
210015005:AA:PASS
210015006:DD :PASS
210015007:DD :PASS
210015008:DD :PASS
210015009:DD :PASS
210015010:AA:PASS
210015011:AA:PASS
210015012:AA:PASS
210015013:BB:PASS
210015014:BB:PASS
210015015:BB:PASS
210015016:BB:PASS
210015017:AA:PASS
210015018:AA:PASS
210015019:DD :PASS
210015020:AA:PASS
210015021:AA:PASS
210015022:DD :PASS
210015023:DD :PASS
210015024:AA:PASS
210015025:AA:PASS

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Enter your choice: n

Enter a letter to print id: s

220015002:BB:PASS

220015002:BB:PASS

220015025:CC:PASS

210015014:BB:PASS

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Enter your choice: g

Enter a id to calculate the GPA: 220015001

220015001:BB:PASS

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Enter your choice: t

Enter an instructor id: 195001010

Number of Class: 7

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d: Print the department of all persons according to the role

l: Print the course_id of a given student

e: Quit the program

Enter your choice: d

Enter a letter to print id('s' or 'i'): s

220015001: student

220015002: student

220015003: student

220015004: student

220015005: student

220015006: student

220015007: student

220015008: student

220015009: student

220015010: student

220015011: student

220015012: student

220015013: student

220015014: student

220015015: student

220015016: student

220015017: student

220015018: student

220015019: student

220015020: student

220015021: student

220015022: student

220015023: student

220015024: student

220015025: student

210015001: student

210015002: student

210015003: student

210015004: student

210015005: student

210015006: student

210015007: student

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- l: Print the course_id of a given student
- e: Quit the program

Enter your choice: d

Enter a letter to print id('s' or 'i'): i

195001001: instructor
195001002: instructor
195001003: instructor
195001004: instructor
195001005: instructor
195001006: instructor
195001007: instructor
195001008: instructor
195001009: instructor
195001010: instructor

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Enter your choice: 1

Enter an id: 220015001

220015001: 102

Menu:


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l: Print the course_id of a given student
e: Quit the program
Enter your choice: c
Enter a class('102' or '108'): 102
220015001:BB:PASS
220015002:BB:PASS
220015003:AA:PASS
220015004:BB:PASS
220015005:CC:PASS
220015006:AA:PASS
220015007:CC:PASS
220015008:DD :PASS
220015009:BB:PASS
220015010:FF :FAIL
220015011:FF :FAIL
220015012:FF :FAIL
220015013:DD :PASS
220015014:DD :PASS
220015015:CC:PASS
220015016:AA:PASS
220015017:DD :PASS
220015018:CC:PASS
220015019:CC:PASS
220015020:DD :PASS
220015021:DD :PASS
220015022:CC:PASS
220015023:DD :PASS
220015024:DD :PASS
220015025:CC:PASS
Average of Class: 56.56
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t: Print the number of classes for the instructor

d: Print the department of all persons according to the role

l: Print the course_id of a given student

e: Quit the program

Enter your choice: c

Enter a class('102' or '108'): 108

210015001:DD :PASS

210015002:AA:PASS

210015003:DD :PASS

210015004:DD :PASS

210015005:AA:PASS

210015006:DD :PASS

210015007:DD :PASS

210015008:DD :PASS

210015009:DD :PASS

210015010:AA:PASS

210015011:AA:PASS

210015012:AA:PASS

210015013:BB:PASS

210015014:BB:PASS

210015015:BB:PASS

210015016:BB:PASS

210015017:AA:PASS

210015018:AA:PASS

210015019:DD :PASS

210015020:AA:PASS

210015021:AA:PASS

210015022:DD :PASS

210015023:DD :PASS

210015024:AA:PASS

210015025:AA:PASS

Average of Class: 54.78

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Enter your choice: e

Exiting program.