//TC-1.#a tests the S[tudent]: <lastname> command without the optional B[us]

//TC-1.1a

//Query for a student that exists

//Returns “COOKUS, XUAN, 3, 107, FAFARD, ROCIO”

S: COOKUS

//TC-1.2a

//Query for a student that doesn’t exist

//Doesn’t return anything

S: CHAN

//TC-1.3a

//Incorrect usage of the S command

//Doesn’t return anything

S:

//TC-1.#b tests the S[tudent]: <lastname> B[us] command with B[us] provided

//TC-1.1b

//Query for a student that exists

//Returns “COOKUS, XUAN, 52”

S: COOKUS B

//TC-1.2b

//Query for a student that doesn’t exist

//Doesn’t return anything

S: CHAN B

//TC-1.3b

//Query with a missing lastname, but with the B flag provided

//Will attempt to search for students with the lastname of “B”

S: B

//TC-2.# tests the T[eacher]: <lastname> command

//TC-2.1

//Query for a teacher that exists

//Returns “WOOLERY, NOLAN”, “VILARDO, EMMANUEL”

T: STEIB

//TC-2.2

//Query for a teacher that doesn’t exist

//Doesn’t return anything

T: CHAN

//TC-2.3

//Incorrect query for a teacher

//Doesn’t return anything

T:

//TC-3.# tests the B[us]: <number> command

//TC-3.1

//Query for bus route

//Returns “RACANELLO, NOEL, 6, 102”, “VILARDO, EMMANUEL, 2, 104”,

//“KRAKE, //VALENTIN, 6, 109”, “BEAN, INGER, 6, 111”,

//“BUSSMANN, BILLY, 2, 108”, “FEYEREISEN, WILFREDO, 6, 111”

B: 56

//TC-3.2

//Query for nonexistent bus route

//Doesn’t return anything

B: 150

//TC-3.3

//Incorrect usage of B[us]: <number> command

//Doesn’t return anything

B:

//TC-4.#a tests the G[rade]: <number> command

//TC-4.1a

//Query for a grade

//Returns “SAELEE, DANILO”, “GARTH, JOHN”

G: 1

//TC-4.2a

//Query for grade whose value is not held by a student

//Doesn’t return anything

G: 2351

//TC-4.3a

//Query for invalid grade

//Doesn’t return anything

G: -1

//TC-4.4a

//Incorrect query for grade

//Doesn’t return anything

G:

//TC-4.#b tests the G[rade]: <number> H[igh] command with H flag

//TC-4.1b

//Query for a grade with H flag

//Returns “GARTH, JOHN, 3.14, FALKER, ADOLPH, 0”

G: 1 H

//TC-4.2b

//Query for an invalid grade with H flag

//Doesn’t return anything

G: -1 H

//TC-4.3b

//Incorrect usage with H flag

//Doesn’t return anything

G: H

//TC-4.#c tests the G[rade]: <number> L[ow] command with L flag

//TC-4.1c

//Query for a grade with L flag

//Returns “SAELEE, DANILO, 2.85, FALKER, ADOLPH, 54”

G: 1 L

//TC-4.2c

//Query for an invalid grade with L flag

//Doesn’t return anything

G: -1 L

//TC-4.3c

//Incorrect usage with L flag

//Doesn’t return anything

G: L

//TC-5.# tests the A[verage]: <number> command

//TC-5.1

//Query for average

//Returns “1, 2.995”

A: 1

//TC-5.2

//Query for invalid grade

//Returns “-1, 0.0”

A: -1

//TC-5.3

//Incorrect usage of A[verage]: <number> command

//Doesn’t return anything

A:

//TC-6 tests the I[nfo] command

//Returns the following:

//0 : 0

//1 : 1

//2 : 11

//3 : 9

//4 : 15

//5 : 0

//6 : 21

I

//TC-7 tests the Q[uit] command

//Quits the program

Q

//TC-8.#a tests the C[lass] command, which lists all the students in a class

//TC-8.1a

//Correct usage of the C[lass] <number> command

//Should return “DURAND, CARLEE”

C: 101

//TC-8.2a

//Usage of the C[lass] <number> command on a class with no students

//Doesn’t return anything

C: 0

//TC-8.3a

//Incorrect usage of the C[lass] <number> command

//Doesn’t return anything

C:

//TC-8.#b tests the C[lass] command with the included T flag

//TC-8.1b

//Correct usage of the C[lass] <number> T command

//Should return “COOL, REUBEN”

C: 101 T

//TC-8.2b

//Usage of the C[lass] <number> T command on a class with no teachers

//Doesn’t return anything

C: 0 T

//TC-8.3b

//Incorrect usage of the C[lass] <number> T command

//Doesn’t return anything

C: T

//TC-9.# tests the G[rade] <number> T command

//TC-9.1

//Usage of the G[rade] <number> T command

//Returns “COOL, REUBEN”, “HANTZ, JED”, “CHIONCHIO, PERLA”

G: 4 T

//TC-9.2

//Usage of the G[rade] <number> T command on a grade with no teachers

//Doesn’t return anything

G: 20 T

//TC-9.3

//Incorrect usage of the G[rade] <number> T command

//Doesn’t return anything

G: T

//TC-10 tests the R[eport] command

//Outputs the following:

//101 : 1

//102 : 5

//103 : 2

//104 : 2

//105 : 6

//106 : 2

//107 : 7

//108 : 11

//109 : 5

//110 : 2

//111 : 9

//112 : 8

R

//TC-11 tests the E[xport] command

//Exports data in the format:

//“GPA, Grade, Bus Route, Teacher Last, Teacher First”

E