

1)

```
Workspaces Applications Jan 23 9:54 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
jehad@pop-os:~$ cd CS2910/
bash: cd: CS2910/: No such file or directory
jehad@pop-os:~$ cd Desktop/
jehad@pop-os:~/Desktop$ cd CS2910/
jehad@pop-os:~/Desktop/CS2910$ cd Lab1/
jehad@pop-os:~/Desktop/CS2910/Lab1$ make
java main.java
What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 1

ID: 1 | Name: Smith Anna | Phone: 12341234 | Email: a_smith@gmail.com
ID: 2 | Name: Smith Jane | Phone: 4374567812 | Email: j_smith@gmail.com

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
```

Q2)

```
Workspaces Applications Jan 23 9:54 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
jehad@pop-os:~$ Please enter the number you want to access: 1

ID: 1 | Name: Smith Anna | Phone: 12341234 | Email: a_smith@gmail.com
ID: 2 | Name: Smith Jane | Phone: 4374567812 | Email: j_smith@gmail.com

Please enter the number you want to access: 1

ID: 1 | Name: Smith Anna | Phone: 12341234 | Email: a_smith@gmail.com
ID: 2 | Name: Smith Jane | Phone: 4374567812 | Email: j_smith@gmail.com

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 2

alphabetical order

First Name Lastname
Anna Smith
Jane Smith

reverse alphabetical order

First Name Lastname
Jane Smith
Anna Smith

What are you looking for ?
```

Q3)

```
Workspaces Applications Jan 23 9:54 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
alphabetical order
First Name      Lastname
Anna           Smith
Jane           Smith
reverse alphabetical order
First Name      Lastname
Jane           Smith
Anna           Smith
What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 3

Course Name: CS2020    | | Semester: winter          | Code: 1
Course Name: CS2020    | | Semester: fall           | Code: 2
Course Name: CS2040    | | Semester: fall           | Code: 3
Course Name: CS2910    | | Semester: winter          | Code: 4

What are you looking for ?
```

Q4)

```
Workspaces Applications Jan 23 9:55 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
Course Name: CS2020    | | Semester: winter          | Code: 1
Course Name: CS2020    | | Semester: fall           | Code: 2
Course Name: CS2040    | | Semester: fall           | Code: 3
Course Name: CS2910    | | Semester: winter          | Code: 4

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 4

What semester do you want to look for?

1) Fall
2) Winter
3) Spring
4) Summer

Enter input here: 1

Courses for Fall

Course Name: CS2020    | | Semester: fall          | Code: 2
Course Name: CS2040    | | Semester: fall          | Code: 3

What are you looking for ?
```

Q5)

```
Workspaces Applications Jan 23 9:55 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
jehad@pop-os: ~/Desktop/CS2910/Lab1

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 5

What semester do you want to look for?

1) Fall
2) Winter
3) Spring
4) Summer

Enter input here: 1

Courses for Fall

Course Name: CS2020    | | Semester: fall           | Code: 2
Course Name: CS2040    | | Semester: fall           | Code: 3

reverse alphabetical order
Course Name: CS2040    | | Semester: fall           | Code: 3
Course Name: CS2020    | | Semester: fall           | Code: 2

What are you looking for ?
```

Q6 PART 1)

```
Workspaces Applications Jan 23 9:55 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
jehad@pop-os: ~/Desktop/CS2910/Lab1

Course Name: CS2040    | | Semester: fall           | Code: 3

reverse alphabetical order
Course Name: CS2040    | | Semester: fall           | Code: 3
Course Name: CS2020    | | Semester: fall           | Code: 2

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 6

What do you want to add?
1) New Student
2) New Course
3) New Grade

Please enter the number you want to access: 1

Enter a ID: 3
Enter first name: Jehad
Enter last name: Hamad
Enter phone number: 8888888888
Enter email: Jehad@gmail.com
New student added successfully!
```

Q6 PART 3)

```
Workspaces Applications Jan 23 9:57 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 6

What do you want to add?
1) New Student
2) New Course
3) New Grade

Please enter the number you want to access: 3

Enter Student ID for the student you want to change the grade for:
You should know this before hand
Enter Student ID here: 3

Student Found

What class do you want to change the grade for? (List provided)
Course Name: CS2020 | Semester: winter | Code: 1
Course Name: CS2020 | Semester: fall | Code: 2
Course Name: CS2040 | Semester: fall | Code: 3
Course Name: CS2910 | Semester: winter | Code: 4
Course Name: CS2010 | Semester: spring | Code: 5

Enter code here: 1

What is the changed grade? (0-100) (-1 means there are not in the class)
Enter here: 100
```

Q7)

```
Workspaces Applications Jan 23 9:57 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
Enter code here: 1

What is the changed grade? (0-100) (-1 means there are not in the class)
Enter here: 100

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 7

Which student do you want to look for? enter Id: 3
Student Found

What do you want to change?
1)ID
2)Last Name
3)First Name
4)Phone Number
5>Email
Enter input here: 1

Enter new change for ID: 5088836
```

Q8)

```
Workspaces Applications Jan 23 9:59 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 8

What Course are you looking for? (enter the name):
You should know this before hand
Enter here: CS2020
Course Name: CS2020    | | Semester: winter      | Code: 1
Course Name: CS2020    | | Semester: fall       | Code: 2

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 
```

Q9)

```
Workspaces Applications Jan 23 9:59 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 9

What Course are you looking for? (enter the code):
You should know this before hand
Enter here: 1
Course Name: CS2020    | | Semester: winter      | Code: 1

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 
```

Q10)

```
Workspaces Applications Jan 23 9:59 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 10

Which students are you looking for?
You should know this before hand
Enter here: Hamad

ID: 5088836 | Name: Hamad Jehad | Phone: 888888888 | Email: Jehadh@gmail.com | Grades: [100, -1, -1, -1

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 
```

Q11)

```
Workspaces Applications Jan 23 10:00 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 11

Which students are you looking for? (enter phone number)
You should know this before hand
Enter here: 888888888

ID: 5088836 | Name: Hamad Jehad | Phone: 888888888 | Email: Jehadh@gmail.com | Grades: [100, -1, -1, -1

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 
```

Q12/13)

```
Workspaces Applications Jan 23 10:00 PM jehad@pop-os:~/Desktop/CS2910/Lab1
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 12

Which students are you looking for? (enter last name)
You should know this before hand
Enter here: Smith

ID: 1 | Name: Smith Anna | Phone: 12341234 | Email: a_smith@gmail.com
Course Name: CS2020 | Semester: fall Grade: 75
ID: 2 | Name: Smith Jane | Phone: 4374567812 | Email: j_smith@gmail.com
Course Name: CS2040 | Semester: fall Grade: 90
Course Name: CS2910 | Semester: winter Grade: 85

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 
```

Q14)

```
Workspaces Applications Jan 23 10:00 PM jehad@pop-os:~/Desktop/CS2910/Lab1
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 14

Which students are you looking for? (enter last name)
You should know this before hand
Enter here: Smith

Smith Anna Overall Average = 75.0
Smith Jane Overall Average = 87.5

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 
```

Q15)

```
Workspaces Applications Jan 23 10:01 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 15

Which students are you looking for? (enter last name)
You should know this beforehand.
Enter here: Smith

Which semester is this for?
You should know this beforehand.
Enter here: Winter

Smith Anna Has no classes in this semester to calculate an average for.

Smith Jane Overall Average = 85.0

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 
```

Q16)

```
Workspaces Applications Jan 23 10:01 PM jehad@pop-os: ~/Desktop/CS2910/Lab1
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 16

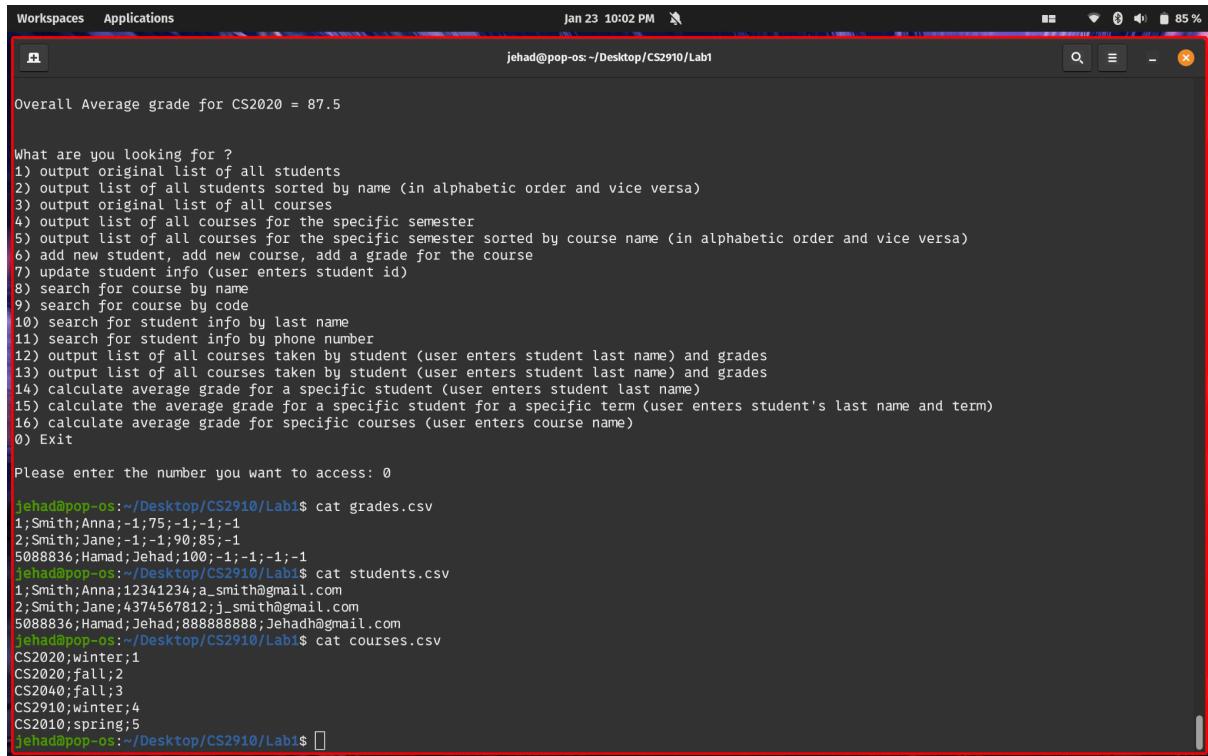
What course are you trying to calculate the average for?
You should know this before hand
Enter here: CS2020

Overall Average grade for CS2020 = 87.5

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 
```

SHOWING THAT MY FILES WERE CHANGED AFTER EDIT)



The screenshot shows a terminal window titled "jehad@pop-os: ~/Desktop/CS2910/Lab1". The window has a red border. The terminal displays a menu of options numbered 1 through 16, followed by a prompt for a selection number. Below the menu, three CSV files are displayed: "grades.csv", "students.csv", and "courses.csv".

```
Overall Average grade for CS2020 = 87.5

What are you looking for ?
1) output original list of all students
2) output list of all students sorted by name (in alphabetic order and vice versa)
3) output original list of all courses
4) output list of all courses for the specific semester
5) output list of all courses for the specific semester sorted by course name (in alphabetic order and vice versa)
6) add new student, add new course, add a grade for the course
7) update student info (user enters student id)
8) search for course by name
9) search for course by code
10) search for student info by last name
11) search for student info by phone number
12) output list of all courses taken by student (user enters student last name) and grades
13) output list of all courses taken by student (user enters student last name) and grades
14) calculate average grade for a specific student (user enters student last name)
15) calculate the average grade for a specific student for a specific term (user enters student's last name and term)
16) calculate average grade for specific courses (user enters course name)
0) Exit

Please enter the number you want to access: 0

jehad@pop-os:~/Desktop/CS2910/Lab1$ cat grades.csv
1;Smith;Anna;-1;75;-1;-1;-1
2;Smith;Jane;-1;-1;90;85;-1
5088836;Hamad;Jehad;100;-1;-1;-1;-1
jehad@pop-os:~/Desktop/CS2910/Lab1$ cat students.csv
1;Smith;Anna;12341234;a_smith@gmail.com
2;Smith;Jane;4374567812;j_smith@gmail.com
5088836;Hamad;Jehad;88888888;Jehad@gmail.com
jehad@pop-os:~/Desktop/CS2910/Lab1$ cat courses.csv
CS2020;Winter;1
CS2020;Fall;2
CS2040;Fall;3
CS2910;Winter;4
CS2010;Spring;5
jehad@pop-os:~/Desktop/CS2910/Lab1$
```