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IT FDN 110 B
Assignment 09

Assignment 09 Screenshots

[Git Repo](#)

https://github.com/a-ayers/Assingment_09

```
Anaconda Prompt (anaconda3)

(base) C:\_FDProgramming\Assignment09\Mod09_B>CD_Inventory.py
Main Menu

[l] load Inventory from file
[a] Add CD / Album
[d] Display Current Inventory
[c] Choose CD / Album
[s] Save Inventory to file
[x] exit

Which operation would you like to perform? [l, a, d, c, s or x]: l

WARNING: If you continue, all unsaved data will be lost and the Inventory re-loaded from file.
type 'yes' to continue and reload from file. otherwise reload will be canceled yes
reloading...
===== The Current Inventory: =====
ID      CD Title (by: Artist)

1       Rumors (by: Fleetwood Mac)
=====
Main Menu

[l] load Inventory from file
[a] Add CD / Album
[d] Display Current Inventory
[c] Choose CD / Album
[s] Save Inventory to file
[x] exit

Which operation would you like to perform? [l, a, d, c, s or x]: a

Enter ID: 2
What is the CD's title? Tickets to my downfall
What is the Artist's name? Machine Gun Kelly
===== The Current Inventory: =====
ID      CD Title (by: Artist)

1       Rumors (by: Fleetwood Mac)
2       Tickets to my downfall (by: Machine Gun Kelly)
=====
Main Menu

[l] load Inventory from file
[a] Add CD / Album
[d] Display Current Inventory
[c] Choose CD / Album
[s] Save Inventory to file
[x] exit

Which operation would you like to perform? [l, a, d, c, s or x]: c

===== The Current Inventory: =====
ID      CD Title (by: Artist)

1       Rumors (by: Fleetwood Mac)
2       Tickets to my downfall (by: Machine Gun Kelly)
=====
Select the CD / Album index: 2
CD Sub Menu

[a] Add track
[d] Display cd / Album details
```



Console 3/A x

```
[1] load Inventory from file
[a] Add CD / Album
[d] Display Current Inventory
[c] Choose CD / Album
[s] Save Inventory to file
[x] exit
```

Which operation would you like to perform? [1, a, d, c, s or x]: c

```
===== The Current Inventory: =====
ID  CD Title (by: Artist)
```

```
1  Rumors (by: Fleetwood Mac)
=====
```

Select the CD / Album index: 1
CD Sub Menu

```
[a] Add track
[d] Display cd / Album details
[r] Remove track
[x] exit to Main Menu
```

Which operation would you like to perform? [a, d, r or x]: d

```
===== Current CD / Album: =====
1  Rumors (by: Fleetwood Mac)
=====
1 - Second Hand News (2:43)
2 - Dreams (4:14)
3 - Never Going Back Again (2:02)
4 - Don't Stop (3:11)
5 - Go Your Own Way (3:38)
```

```
=====
CD Sub Menu
```

```
[a] Add track
[d] Display cd / Album details
[r] Remove track
[x] exit to Main Menu
```

Which operation would you like to perform? [a, d, r or x]:

```
Testing Track class
Stores Data about a single Track:

properties:
    position: (int) with Track position on CD / Album
    title: (str) with Track title
    length: (str) with length / playtime of Track
methods:
    get_record() -> (str)

1 - test.track1 (01:59)
record for file: 1,test.track1,01:59

Testing CD class
Stores data about a CD / Album:

properties:
    cd_id: (int) with CD / Album ID
    cd_title: (string) with the title of the CD / Album
    cd_artist: (string) with the artist of the CD / Album
    cd_tracks: (list) with track objects of the CD / Album
methods:
    get_record() -> (str)
    add_track(track) -> None
    rmv_track(int) -> None
    get_tracks() -> (str)
    get_long_record() -> (str)

1 test_title (by: cd_artist)
record for file: 1,test_title,cd_artist

adding tracks...
get tracks:
1 - test.track1 (01:59)
2 - test.track2 (02:59)

get long record:
1,test_title,cd_artist

1 - test.track1 (01:59)
2 - test.track2 (02:59)
```