

Spring 2025 – Exam 1 Solutions

CIS 1100

2025-11-20

Problem 1: Matching

Original	Alternate	Output one	Output two
1	D	II	[4, 0, 2]
2	A	I	[8, 0, 2, 4]
3	B	V	[8, 0, 4]
4	E	IV	4
5	C	III	0

Problem 2: Objects

1. origin, destination, date, passenger
2. init, validate, transfer, issue_return_trip
3. `tt = TrainTicket("NYC", "BOS", "04/07", "Jude")`
4. `tt.transfer("Willem")`
5. `rt = tt.issue_return_trip("04/30")`

Problem 3: Printing

1. Error
2. {1}
3. 5

Problem 4: Navbar

1. 10
2. label and dropdown
3. dropdown
4. change find to find_all
5. set
6. “SRS” is not included because its dropdown attribute is set to false.

Problem 5: FITB

1. open
2. json
3. load
4. argv
5. 1
6. lambda val: val["department"] in depts
7. len(courses) == 0
8. courses[0]["sections"] or courses[-1]["sections"]
9. courses[1:] or courses[:-1]