

Istanbul Bilgi University

Department of Computer Engineering

Fall 2019-2020

CMPE 100: Introduction to Computing

Worksheet09

1. (10 points) Your program maintains a CD where each of CD is a structure of name, artist, genre, release year and price. Do a proper data definition (and also constructor, selector and predicator). Now, design and implement for the functions. A procedure that
2. (20 points) consumes a CD and a genre g, and produces the artist of CD whose genre is g.
3. (20 points) consumes a CD and a genre g and year, and produces the price of CD whose genre is g and year is y.
4. (50 points) Open the rocket file named **trafficlight-timer.rkt** in learn.bilgi.edu.tr. Complete the following tasks that are labelled such as TASK-1, TASK-2, etc.
TASK-1,2,3,4,7,10,13 → 3 points/per task
TASK-5,6,8,9,11,12,14,15 → 10 points/per task

Note: Ensure that your programs are fully documented, using comments.