

Istanbul Bilgi University

Department of Computer Engineering

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Fall 2022-2023

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CMPE 100: Introduction to Computing

Worksheet09

1. (20 points) Design a Dr racket program that 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. (40 points) consumes a CD and a genre g, and produces the artist of CD whose genre is g.
3. (40 points) consumes a CD and a genre g and year, and produces the price of CD whose genre is g and year is y.

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