

Istanbul Bilgi University

Department of Computer Engineering

Fall 2022-2023

CMPE 100: Introduction to Computing

Worksheet 11

- (50 points) Answer the following questions according to CDs structure:
 - Your program maintains a music album collection which is a list of CDs where each of CDs is a structure of artist, genre, and price.
 - Do a proper data definition. Now, design and implement for the functions below using **ABSTRACT LIST FUNCTIONS**:
 - produces a music album collection of only those CDs whose genre is g.
 - produces total price value of mac.
 - produces a list containing all the artist names of CDs.

Note: Ensure that your programs are fully documented, using comments. Write also constructors, selectors and predicates.