Assignment - 3

CSA0914: Programming in java for Raspberypi

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Acray list operations import java.util. Arraglist public class Array list operations; public operations static. void 3(egra [] grirts) niam Arraylist 2string> list = new. Arraglistocs 1:5t. add ("Apple"). list.add ("Banana"); (list-add ("orange") 11's t. & comove (1): string search Element . "Orange". Int index = 118t. index of (search 12 Cinde x 1 = -1). { element) system outoprint (search Element +"35 Sound at index: "+ in dex)? system. out. print (search Element+" is not sound in the -list") = 3

for (string - element: 138F) 2 sy stem-outopilat (element)? 363 7 Hash set operation import javaou & (. Hash set public. class. Hashset openations. publice static. void 3 (SBID. [] GUILTS) WIEM hash set estring = nameset = new Hash namesel-add ("john") = set<>() name set-add ("Alice"): name set. add (" BO b"). u one esete no more ("Alice") s string. check name = "BOb"; is (name set contains (check name) system - out · print (check name))1 zelses system. outoprint (check wome +" is not sound in the set ")? 3

for cstring name; name set JE system. out, print (name) BOTH BOTH HALL DE VILLE TO YES THE PART OF ST. 11999 Priority Aueue Operations: import java util. priovity avene: Public class openal s gradech Priority a vene operation. Public. Static void main (string coargs) & priority. Querue astrinos employee . Queue = new priority Queve < > (). embloses d'anne agg (neubloses). emblosse ans no . agg (" emblosses 3.» employee Queve-add (".employee2") system. outoprint ("Romoved employee" : + . sw blo de 6 · or de de bouce) system. out. print ("Remaining employers" tot (string employee; employaeous)

system. out. bis 4+ (emblones): 333 hash up openations import java. buil-hashmap: import sava-util-Maps Public class hash map operations; public static void main(strive z avgs)s hashmap < Integer, string - student Map=new rash map < > () student map .put (101, 1'john") student map . put (103, "BOB"); int search . ID = 1023 (stadent map. contains ked (search. 10)) { Belses system. out point ("ID" + "Name"). A HOURST LYOUR MARCHAN TO THE STATE OF THE STA