Took 5. Implement various searching and sorting operations in python programming. Alm: To implement various searching and softing operations in python profomming. 5.1 An company stores employee suchols en a lest of edutionaries, where each edutionary contains Id, name & dept. Algaillim: 2. Define the fauthor Fand - employee by Id that takes two perconneters! a. A lut of dectionances (Employees). o. An integer Representing the Employee 10 to be securibed 3. Herate Through the list? 4. Check for Katching 10; 5. Return Matching Record; 6. Handle Mos match. Program: det tind - employee - by - id (Employees, torget id); for employee in Employees: if employee [id'] == beget -id" return suployee greturn None If Test the function Eid: 1, 'name: Alie', 'department', this.

Eid: 2, 'name': Bob dept: Engineering's.

Eid: 3, 'name': Charlie', 'department': 'Salas's. Engloyees = 1 3 print (4md - Employee-by-id Chaployees 52 D#output ! is 'id', 2', names', 'Bob! I dept', Engressing?

an beginning at 8" 3 hours the state of the state of who is turned I to 10 charled (102 35 autout: c: livers / 1818 29, 1 Desklip (4d',:21; name, Bob; dept: 2 Enguing evertone to Lock of war. without i lines the mulbhard - in quotible - wellofor · Nather restreet of Miles the State of the State of

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Aim: You are developing a glade management system for a selved. The yearn mountains a list of skedered hecolds. where each inecord is represented one a delivering conting a skidenti nome & scale. digithlim: . Got the length of the shedents lest and stole their in 1. Sidialization 1 - Elstale from 100 to n-1. This loop supressed the e alter soop: number of paner Knowigh the list. 3. Frack swaps. 4. Juner loop 5. Compare and samp 6. Early Termination 7. constition program : de y bubble wit scass (sudende): n = len (skiderds) # Wach yang swap is made in this pass swapped = False to j'en range (0,n+1): if students [i] [secre] > suchents [I+ I][xee]; solutelents [i], skedents [i+1] = skedents [i+1], skedents [i] swapped = True if not swapped. Break students - E Ename: Slice, Scote, 889, s'name i Dona, scoto 1,953, s'name i Dona, scoto, 853 extreté "Bepte dorting; ") For student in student:

Eustont; C: [www/91980 / peokstop / prent): Before sotting e'name! Allee score 188 3 q name ! Bob - Sede! à name: charlée scale 753 2 name: pana scale 859

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Result: Thus The program for implementing various

searching and soiling operations in python

programming should incessfully.