A Company stores employee verside or a list of dischio money, where each dietermory contains id nome , and deportment write a function is and employee by id that takes there list and a target employed 110 as arguments and returns the dirthonory of the employee with the matering 10:01 alone I he con employee a found. DIGORPHEND 1. Input Defenition en Define the function find - employee - by - id that takes two powerders. a. A list of dictionaries Complayer - by-id that takes two parameter's so I locate through the List: use a for loops to sterate texash each dictionary Peter employees list. 40 Check for realthresid within the loop i check if the id field of the current dictionary matches the target - id. B. Return watching Record: 4 a month is found I return the current dichonory 6. Harde No Watch: If the loop completes without fanding a moth return Mone Diedrow 2.7 dot find - employee - by-id Cemployee large. for employee in employees. if employee ['id'] = = target -id: return employed schuse None

Prog 8000 5:1 det fend - emplogee - by-id (emplogee : tanget id); for employee on employees: if employee ('id') == target-id: return employee return NOR of Test the function employees = E ¿ [id': 7, 'nome'; 'Alece', 'de pointment', 'HR'} { (id : 2. 'name': Bod', 'department'; Engineesing }. l'id: 3. ramé: charlee. department! c Sales

out put !
? "d': 2. 'name': 'Bod'. 'department': 'Englinear,

No

50 you are developing a grade management system for aschool. The System mointains a list of student records i where each record is represented dictionary containing a coolent's name and Score The school merds to generate a repot flot displays students scores. The school needs to generale a report that desploys students score The according order. Your tosk sto emplement a feature that sorts the student record by their goors using the bulbble som algorithm Algorithm = 10 InPtialization · Get the length of the Students list and Stort is n. to outer loop 1) I terate from 1000 tond this loop represent, the number of passes through the lal track swapet of the tratize a boolean variable swapped to False. This variable will track if any swaps ore made on the current pess. 4 lones Loop! A Harale from 1 =0 to n+2. This loop compain adjacent elements in the list and perform swape of hearsary. & Compare and swap 1) compare and swap theirs core values ") If students Coll'score) > Stude HSCiti X'score) sixon the two elements

1) Completion The function modifies the student list to place Sorting it by score Drod Row 2:5 det pappe - sout - ecoses (stagets). n= (en ( Students) for is her lowere cus. I Track if any swap is made in this poss Swapped = False for i in ronge (0, n-P-1). if students Cill score 'Is students Citil Score! I suge if the core of the current student is greter that the next Students Ci), students (1+1)= Students (1+1). Sto dent & (I) Swapped - Tour # if no two elements were swapped the last is already soited if not swapped: break # Example Usage Students -C 11 name : " Alice" Score : 813. S'rame : (Bob. Isione 1954. S'roma': 'Chathe', 'sroe': 75%. In one of Dioral Score : 854 Drint & Before Sorting! "} for Student in Students. for Student in chudents: - Print (Student).

out put Before Sorting! I'rame': "Alice", 'score: 883 l'name': 'Bob', 'scove': 954 2 name : 'Charlie', 'Score' :75) I name : " Diana : 'score : 954 Poster Soiting! & namer : (charlie, , score, : 12) ('name' : "Diara' , score : 1854 

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TOTAL	18
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Result: Thus the program For various sear.
Ching and sorting operations is executed
and verified success fully