, compare Greedy method and dynamic programming
To solve the optimization problem in

computing the two methods namely greedy and dynamic programming used. The pol solution

produced by the greedy algorithms we

more effective man the dynamic program.

ming solutions. The primary difference

between the geedy method and dynamic

programming is that girdly method jub

tor generales only one deusson sequance.

As against, dynamic programming ins

Produce many deusson sequence

2. Real-time Applications of different sistinger method.

arrele Sort has bookers placed any

Sports scores are organised by quick soft on the bacus of own-loss vation time composity = O(n logn) best case

Heap Sort

Heap sost is ored in Reading barrodes on plastic Couds. The service allows to communicate with the database to constantly non checks with the database to constantly non checks to ensure that they were all still online and had to report constantly.

time complexity = O(n log n) best once

Merge Sort

Database un an external merge sust to sort sets
of data that are too large to be loaded entirely
into memory. The driving factor in this sort
is the seduction in the number of disk sps

Time complexity = O(n log n)

Bubble Sust

observed in programming to remote to sost champels on the basis of viewing time.

Time complexity = O(n2)

Insertion sort Correct fer small or mostly sorted amongs.

Time Complementy = 0 (12)

on

earle

Selection Sort kis education postal allows sosting lut of populs alphabetically through Selection sort. Time Complexity = O(n2)

selection, bubble, and insertion sosts are not a suggested sosting techniques for large dutabases because it have O(n2) time complexity. of a befored my