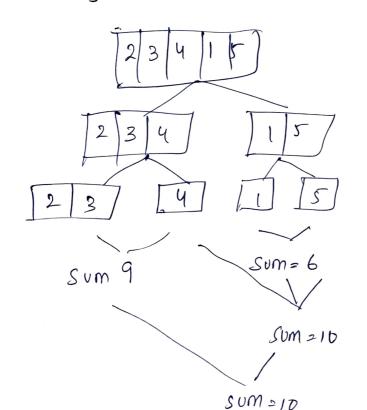
4

M satvi Reddy 192311038 CSA-0688 - DAA

1. Find the median of median in the array

2. Find the subset of sum 10 using divide and conques



Subsets = 4,1,5

- 3. Explain in detail about closest poir algorithm using divide and conquer methodology.
 - -> piride the points into two equal halves.
 - -> congus find. the closest pair of points in each half.
 - ⇒ combine distance between the line between the two halves
 - => tind the smallest distance between any pair of points.
 - ⇒ Divide and conquer approach reduces the time complexity to o(n log n), which is efficient compared to the brute-force approach with o(n²).