

80! = 40 and 100 but 80 greater than 40 and less than 100 means 80 lies in mid part mid1 = 1 + (3-1)/3=1

mid2 = 3 - (3-11/9 = 8

80 = 40 but 80 == 80 which means we can yetuun mide index as output

Time complexity ----> O(1093n)

Made with Goodnotes