1.Consider six memory partitions of size 200 KB, 400 KB, 600 KB, 500 KB, 300 KB and 250 KB. These partitions need to be allocated to four processes of sizes 357 KB, 210 KB, 468 KB and 491 KB in that order.

Perform the allocation of processes using-

1. First Fit Algorithm
2. Best Fit Algorithm
3. Worst Fit Algorithm
4. Given memory partitions of 100K, 500K, 200K, 300K, and 600K (in order), how would each of the First-fit, Best-fit, and Worst-fit algorithms place processes of 212K, 417K, 112K, and 426K (in order)? Which algorithm makes the most efficient use of memory?
5. Given six memory partitions of 400 KB, 620 KB, 550 KB, 200 KB, 750 KB, and 125 KB (in order), how would the first-fit, best-fit, and worst-fit algorithms place processes of size 115 KB, 550 KB, 358 KB, 200 KB, and 375 KB (in order)?
6. Given memory partitions of 100K, 500K, 200K, 300K, and 600K (inorder), how would each of the First-fit, Best-fit, and Worst-fit algorithms place processes of 212K, 417K, 112K, and 426K (in order)? Which algorithm makes the most efficient use of memory?
7. Given memory partitions of 200K, 500K, 100K, 300K, and 350K (inorder), how would each of the First-fit, Best-fit, and Worst-fit algorithms place processes of 212K, 217K, 50K, and 426K (in order)? Which algorithm makes the most efficient use of memory?