

### Advantages

↳ memory utilization is much better than first fit as it searches the smallest free portion

### Disadvantages

↳ it is slower and may tend to fill up memory with tiny useless holes

### \* Worst fit

↳ in worst fit approach is to locate largest available free portions. So that the ~~portion~~ portion left will be big enough to be use full

### \* Advantages

↳ Reduce the rate of production of small gaps

### \* Disadvantages

↳ if a process require a larger memory arrived at a later stage than it cannot be accommodated as the largest hole.