

FCFS :

PROGRAM :

```
#include <stdio.h>
int main()
{
    int n,j,i;
    printf("Enter the number of process:");
    scanf("%d",&n);
    int a[n],bt[n],tat[n],wt[n],ct[n];
    printf("Enter the burst time of process:");
    for (i=0;i<n;i++)
    {
        scanf("%d",&bt[i]);
    }
    for (i=0;i<n;i++)
    {
        a[i]=i+1;
        ct[0]=bt[0];
    }
    for (i=1;i<n;i++)
    {
        ct[i]=ct[i-1]+bt[i];
    }
    for (i=0;i<n;i++)
    {
        tat[i]=ct[i];
    }
    for (i=0,j=0;i<n;i++,j++)
    {
        wt[i]=tat[i]-bt[j];
    }

    printf("Process\tBT\tCT\tTAT\tWT");

    for (i=0;i<n;i++)
    {
        printf("\n P%d\t\t%d\t\t%d\t\t%d\t\t%d",a[i],bt[i],ct[i],tat[i],wt[i]);
    }
    printf("\n");
    return 0;
}
```