```c
#include <stdio.h>
int main()
{
        int A[100][4];
        int i, j, b, total = 0, index, temp;
        float avg_wt, avg_tat;
        printf("Enter number of process: ");
        scanf("%d", &b);
        printf("Enter Burst Time:\n");
        for (i = 0; i < b; i++)
        {
                printf("P%d: ", i + 1);
                scanf("%d", &A[i][1]);
                A[i][0] = i + 1;
        }
        for (i = 0; i < b; i++)
   {
                index = i;
                for (j = i + 1; j < b; j++)
                        if (A[j][1] < A[index][1])
                                index = j;
                temp = A[i][1];
                A[i][1] = A[index][1];
                A[index][1] = temp;
                temp = A[i][0];
                A[i][0] = A[index][0];
                A[index][0] = temp;
        }
        A[0][2] = 0;
        for (i = 1; i < b; i++)
        {
```

```c
            A[i][2] = 0;
            for (j = 0; j < i; j++)
                    A[i][2] += A[j][1];
            total += A[i][2];
    }
    avg_wt = (float)total / b;
    total = 0;
    printf("P          BT      WT      TAT\n");
    for (i = 0; i < b; i++)
    {
            A[i][3] = A[i][1] + A[i][2];
            total += A[i][3];
            printf("P%d      %d      %d      %d\n", A[i][0],
                    A[i][1], A[i][2], A[i][3]);
    }
    avg_tat = (float)total / b;
    printf("Average Waiting Time= %f", avg_wt);
    printf("\nAverage Turnaround Time= %f", avg_tat);
}
```

```
Enter number of process: 4
Enter Burst Time:
P1: 5
P2: 1
P3: 3
P4: 4
```

```
P       BT  WT  TAT
P2      1   0   1
P1      5   1   6
P3      3   6   9
P4      4   9   13
Average Waiting Time= 2.75
Average Turnaround Time= 7.75
```