```
#include<stdio.h>
#define MAX 30
int main()
{ int i, j, n, p[max], bt[max], wt[max], tat[max],
  max;
  float awt=0, atat=0;
  scanf("%d", &n);
  printf("Enter the number of process\n");
  scanf("%d", &n);

  printf("Enter the process number\n");
    for(i=0; i<n; i++)
    {scanf("%d", &p[i]);
}

printf("Enter the burst time of the process\n");
    for(i=0 i<n, i++)
      scanf("%d", &bt[i]);
  for(i=0, i<n, i++){

    for(j=0, j<n-i-1) j++) {
```

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```
if (bt[J] > (bt[J+1])
{   t = bt[J];
  bt[J] = bt[J+1];
  bt[J+1] = t;
   t = p[J];
 p[J] = p[J+1];
 p[J+1] = t;
 }
}
}
printf("process If Burst time lt waiting time
        time (\n");
  for (i = 0; i<n; i++)
   {  wt[i] = 0;
       tat[i] = 0;
     for (J = 0; J < I, J++)
   {.
```

```
wt [i] = wt [i] + bt [j];
tat [i] = wt [i] + bt [i];
awt = awt + wt [i];
atat = atat + tat (i);

printf ("%d" \t %d \t (t %d \t %d \t",
p [i],
        bt [i], wt [i], tat [i]);

}.
```