```
for (i=1; i<n; i++)
    { wt[i] = 0;
      for (j=0; j<i; j++)
          wt[i] += bt[j];
          total += wt[i];
      }
    avg_wt = (float) total / n;
Printf("\n Total task \t Completion Time \t waiting time");
    for (i=0; i<n; i++)
      tat[i] = bt[i] + wt[i];
      total += tat[i];
    Printf("\n%d \t\t %d \t\t %d \t\t %d",
                i+1, , tat[i], wt[i]);
    }
Printf("\n\n Average waiting Time = %f", avg_wt);
  return 0;
}
```

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Paper Name → Operating system

Q1

Q2

```
#include <studio.h>
    int main ()
{   int bt[20], wt[20], i, j, total=0, Pos, temp;
    int bt[20]= {2, 5, 4, 7};
     float avg_wt;
      int n=4
printf ("Total number of pending Process: %d", n);
  for (i=0; i<n; j++)
  {   if (bt[j]<bt[Pos])
          Pos=j;
   }
    temp = bt[i];
     bt[P]= bt[Pos];
     bt[Pos] = temp;

     temp = P[i];
     P[i]=1[Pos];
     P[Pos]= temp;
  }
     wt[0] = 0;
```

Q1