|  |
| --- |
| Swait(S1,t1,d1,...,Sn,tn,dn); |
|  | { |
|  | while(TURE) |
|  | { |
|  | if(S1>=t1&&...Sn>=tn){ |
|  | for(i=1;i<=n;i++) |
|  | Si=Si-di; |
|  | break; |
|  | } |
|  | else { |
|  | Place the executing process in the waiting queue of the first Si with Si<ti and set its program counter to the beginning of the Swait Operation. |
|  | } |
|  | } |
|  | } |
|  | Ssignal(S1,t1,d1,...,Sn,tn,dn); |
|  | { |
|  | while(ture){ |
|  | for(i=1;i<=n;i++){ |
|  | Si=Si+di; |
|  | Remove all the process waiting in the queue associated with Si into the ready queue |
|  | } |
|  | } |
|  | } |