swait(s1,t1,d1,……,sn,tn,dn)

{

while(true)

if(si>=ti&&……&&sn>=tn){

for(i=1;i<=n;i++)

si-=di;

break;

}

else{

place the process in the waiting queue associate with the first si found with si<ti ,

and set thr program count of this process to the beginning of swait opreation

}

}

Ssignal(s1,d1,s2,d2,……,sn,dn){

while(true)

for(i=1;i<=n;i++){

si+=di;

Remove all the process waiting in the queue associate with si in to the ready queue.

}

}