Swait(S1,t1,d1,......Sn,tn,dn)

{

while(True)

{

if (Si>=t1&&...&&Sn>=tn)

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

Si=Si-di;

break;

else

{

Place the ececuting process in the waiting queue associated with the first Si with Si<ti ,

and set the program countof the process to the beginning of the Swait Operation;

}

}

}

Ssignal(S1,d1,......Sn,dn)

{

while(True)

{

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

{

Si=Si+di;

Remove all the process waiting in the queue

associated with Si into the ready queue;

}

}

}