|  |  |  |  |
| --- | --- | --- | --- |
| T  LOOP  SET I=(START+FINISH)/2  IF TABLE(I)=ITEM  F | | | |
|
| FOUND | IF TABLE(I)>ITEM  F T | | |
| SET START=I+1 | | SET FINISH=I-1 |
| IF(FINISH-START)>1  F T | | |
| IF TABLE(START)  =ITEM  OR  TABLE(FINISH)  =ITEM  F T | | GO TO LOOP |
| GO TO  DONE | GO TO  FOUND |
| DONE EXIT | | | |