

**\*\*ឧបមាមាន PDL មួយសំរាប់រក Friend Node ដូចខាងក្រោម:**

**(20 ពិន្ទុ)**

```
PROCEDURE FRIENDNODE;
  1: TYPE tempname, lastname ARE STRING;
  2: TYPE tempptr IS POINTER of FRIENDNODE;
  3: TYPE tempint IS INTEGER;
  4: IF headptr.next <> NULL THEN
  5:   currentptr = headptr;
  6:   tempptr = currentptr.next;
  7:   COPYSTRING tempname FROM tempptr.lastname;
  8:   tempint = COPYSTRING lastname FROM tempname;
  9:   DO WHILE tempint > 0 AND currentptr.next <> NULL
10:     currentptr = tempptr;
11:     IF currentptr.next <> NULL THEN
12:       tempptr = currentptr.next;
13:       COPYSTRING tempname FROM tempptr.lastname;
14:       tempint = COPYSTRING lastname FROM tempname;
15:     ENDIF
16:   ENDDO
17: ELSE
18:   currentptr = headptr;
19: ENDIF
20: OUTPUT currentptr;
END { FRIENDNODE }
```

តាមរយៈ PDL នេះ ចូរក្នុង Flow Graph និងរក Independent Path