

pg = [a(14)] (priority general)
parents = {...} - dictioner un parintele Recorni nool

1. nc = pg. pope() (nc - nool curent) Ng(nel= Ng(al= &b,c) (Ng(a)- Wearini luia) Calcular & pt frecare f(b) = d(b)+h(b) = 4+72=16 f(c) = 3 +71 = 74 Adaigan in pg. Actualisan: parents[b]=a, parents[e]=a pg = [c(14), b(16)] Observam ca in pg, premul element o sa fie cel cu scorul cel mai mic (ne amentim de la SD!) 2. ne = pg. pop () (ne = c) Ng(c)={a,e,d} f(el= d(el+ h(e) = 73+4=77

f(d)=d(d)+ k(d)=10+6=16

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Actualisam parents: parents [e] = c
parents [d] = c Adaugan in pg: 19-56(16), d(16), Xe(17)} 3. nc=12.popl)(n==6) Ng(b1= & a, l, f).
Observan så d(e) prin b este 4+12=76. 16>13=dle/prin c'nu recalculain scored! f(f) = d(f) + R(f) = 9+11 = 20 Actualisan parents. parents [f] = b Actualisam 19: 12=[d(16), e(17), f(20)]

so as for Allin Hall satisfy

4. mc = pg. pop() (nc = d) Ng(d1={c,e}

Observan ca d(e) din rodul d l 3+7+2=12 <13=d(e) prin rodul c. Actualison scorul! f(el=d(e) + R(el=12+4=16 Actualisan parents: parents [e]=d rg=[e(16), f(20)] 5. nc= pg. pgr() (nc=g) Ng(20)= {b,2} Ner ne oprim, chier daca am ajuens la storea fenala (2)! f(2)= d(2)+ H2)=(3+7+2+5)+0

Adaugan in rg (då Adaugan in pg: ng=[2(17), f(201)

6. nc=pg. pop (77)

nc-store févolà - ne oprém!!



Ne opin sand scoatem storea finala din

Determinam strumul inajoi folosind parents