```
5. (seminal 5)

1 termen limita

P1 2 800

1 polit

P2 5 700

P3 1 150

P4 2 900

P5 1 850

P6 3 1000

P4 3 950

P8 2 900
```

Bufit maxim: 3550.0 -> P4, P7, P6, P2

Zina 1 2 3	Profit idea l'sa sertam descress. 3; încercam sa-l punem cát  -too Pt 900 P's mai taz pentau a încapea cát mai multe  -950 Pt 950 Pt  +900-1000 P6	
	700 P2	

O(mlogn + n-zimox1 ~ O(m-zimox1 ~ O(m2)

```
f = gram 1" projecte. on" |

total = 0

provede = E I

for x in f:

aux = x : qplit 1 |

provede. append (1 aux cos, int (aux cis)), flext (aux cos) |

f. close 1)

provede. Sort ( key = lambola x: -x cos) |

Jimox = max ( E x cos) for x in provede J )

Solutio = { Z: None for Z in name (1, zomax + 1) }

for x in provede:
```

```
L = XC1)
   while i>=1
    for i in name (xc1), 0, -11:
            if soluter [ i ] is None:
                  Solutio Cis = X

solutio Cis = X

solutio Cis = X

# total+= X = 23
    total = sum ( = x = 27 for x in 13 fute 3) total = sum ( = solution = 1)

f = open ( month )
                                                     total = sum / C solutie C 105 C27 for
                                                                x im soluter if
                                                                   solutio ascus is not
                                                                              None ]
     f. write 1 stx f" Adit max: I total sin ) doar stringuni sa afreeze
   -fwite 1
      for x im solutie:
           funity of Thustat: Dx tos D freeze of
             if solutio CX7 is not None:
                     f. white (f" [ Zina (x); { solutio ex 7001} { solutio ex 3021)
      f. whose ()
1. 56
  m=5 + ma, si loai
 20 10 25 15 20 - lg siredi
 30 25 15 20
   55 15 20
 Total: 30+ 55+70+90 = 245 ep. dem.
   20 10 25 15 20
                             total = 25 + 40 + 50 + 30
   10 15 20 20 25
                                       = 180425 = 205 gp. elem.
      25 20 20 25
         40 25 25
                               Rivity Queue
           40 50 50
```