rodCut(p,5), q = -∞ before loop begins
for i=1 to 5
i =1 q = max(q,p[i] + **rodCut(p,4)**)

for i=1 to 4
i =1 q = max(q, p[i] + **rodCut(p,3)**)

for i=1 to 3
i =1 q = max(q, p[i] + **rodCut(p,2)**)

for i=1 to 2
i =1 q = max(q, p[1] + **rodCut(p,1)**)

for i=1 to 1
i =1 q = max(q, p[1] + **rodCut(p,0)**)
Return q = p[i] | Return 0

i=2 q = max(q, p[2] + rodCut(p,0))

i=2 q = max(q, p[2] + **rodCut(p,1)**)
i=3 q = max(q, p[3] + **rodCut(p,0)**)

i=2 q = max(q, p[2] + **rodCut(p,2)**)
i=3 q = max(q, p[3] + **rodCut(p,1)**)
i=4 q = max(q, p[4] + **rodCut(p,0)**)

i=2 q = max(q, p[2] + **rodCut(p,3)**)
i=3 q = max(q, p[3] + **rodCut(p,2)**)
i=2 q = max(q, p[4] + **rodCut(p,1)**)
i=3 q = max(q, p[5] + **rodCut(p,0)**)