

```

def parm
nptab1=7
nprof=10
end
parm

```

```

table 1 12 0 18.25 12.5 25 17 35 21 50 24 75 25 150 25

```

```

def aux1
loop n(1,nptab1)
  rr=xtable(1,n)
  zz=ytable(1,n)
  loop k(1,nprof)
    case_of k
      alfa=0.5*(pi+.1)*float(k-2)/float(nprof-2)
      xtable(n+10,k)=rr*cos(alfa)
      ytable(n+10,k)=rr*sin(alfa)
      case 1
        xtable(n+10,k)=rr
        ytable(n+10,k)=-40.0
      case 2
        xtable(n+10,k)=rr
        ytable(n+10,k)=0.0
      end_case
    end_loop
  end_loop
end
aux1

```

```

def aux2
command
  set grav 0 0 -10
  water dens 1000
end_command
loop n(1,nptab1-1)
  loop k (1,nprof-1)
    xx1=xtable(n+10,k)
    yy1=ytable(n+10,k)
    zz1=ytable(1,n)
    xx2=xtable(n+10,k+1)
    yy2=ytable(n+10,k+1)
    zz2=zz1
    xx3=xtable(n+11,k+1)
    yy3=ytable(n+11,k+1)

```

```
zz3=ytable(1,n+1)
xx4=xtable(n+11,k)
yy4=ytable(n+11,k)
zz4=zz3
command
    WATER TABLE face xx1,yy1,zz1 xx2,yy2,zz2 xx3,yy3,zz3
    WATER TABLE face xx1,yy1,zz1 xx3,yy3,zz3 xx4,yy4,zz4
end_command
end_loop
end_loop
end
aux2
ret
```