

ΑΠΑΝΤΗΣΕΙΣ

ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΣ Η/Υ Γ' ΕΠΑΛ

A1] α) Λάθος β) Σωστό γ) Σωστό δ) Λάθος ε) Σωστό

A2] 1.ε 2.στ 3.γ 4.α 5.β

B1] 'ΔΩΔΕΚΑΝΗΣΑ'

'ΝΑΞΟΣ'

'ΚΥΚΛΑΔΕΣΝΑΞΟΣ'

4

B2] α) `def tipose(self):`

`if self.vathmos >= 10:`

`print "Προάγεται"`

`else:`

`print "Παραπέμπεται"`

β) `mathitis1 = Mathitis('103', 'Νικολάου', 19)`

`mathitis2 = Mathitis('105', 'Γεωργίου', 9)`

γ) `mathitis1.tipose()`

δ) `mo = (mathitis1.vathmos + mathitis2.vathmos) / 2.0`

`print mo`

B3]1.0

2.word

3.letter

4.m

5.1

6.m

ΘΕΜΑ Γ:

```
def ypologismos(ar):
```

```
    if ar>=1 and ar<=3:
```

```
        xr=120*ar
```

```
    elif ar<= 6:
```

```
        xr=3*120+(ar-3)*100
```

```
    else:
```

```
        xr=3*120+3*100+(ar-6)*70
```

```
    return xr
```

.....

```
m=0.0
```

```
s=0.0
```

```
for i in range(50):
```

```
    ar=int(input('δώσε αριθμό τεμαχίων'))
```

```
    xr=ypologismos(ar)
```

```
    print xr
```

```
    s=s+xr
```

```
    if ar>10:
```

```
        m=m+1
```

```
pos=(m/50.0)*100
```

```
print pos
```

ΘΕΜΑ Δ:

```
KOD=[]
```

```
VATH=[]
```

```
kwd=raw_input("dwse kwdiko:")
```

```
while kwd!= 'TELOS':
```

```
|   vath=int(input("dwse vathmo:"))
```

```
|   while vath<1 or vath>100:
```

```
|       |   print "Lathos"
```

```
|       |   vath=int(input("Dwse vathmo:"))
```

```
|   KOD.append(kwd)
```

```
|   VATH.append(vath)
```

```
N=len(VATH)
```

```
sum=0.0
```

```
for i in range(N):
```

```
    sum=sum+VATH[i]
```

```
mo=sum/N
```

```
print mo
```

```
mx=VATH[0]
```

```
for i in range(1,N):
```

```
    if VATH[i]>mx:
```

```
        mx=VATH[i]
```

```
for i in range(N):
    if VATH[i]==mx:
        print KOD[i]
f=open("epityxon.txt","r")
k=0
for i in range (N):
    if VATH[i]>60:
        k=k+1
        f.write(str(k)+". "+KOD[i]+str(VATH[i])+"\n")
f.close()
```