



**ΘΕΜΑ Α**

**A1.**

α. Λ

β. Σ

γ. Σ

δ. Λ

ε. Σ

**A2.**

1. Ε

2. Στ

3. Γ

4. Α

5. Β

**ΘΕΜΑ Β**

**B1.**

**ΔΩΔΕΚΑΝΗΣΑ**

**ΝΑΞΟΣ**

**ΚΥΚΛΑΔΕΣΝΑΞΟΣ**

**4**



B2.

α. `def tipose():`

`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`

B3.

1. 0
2. Word
3. Letter
4. M
5. 1
6. m

## ΘΕΜΑ Γ

# Γ3

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

```
    xr = 0
```

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

```
        xr = ar*120
```

```
    elif ar >=4 and ar <=6:
```

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

```
    else:
```

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

```
    return xr
```

```
synolo = 0 #συνολικά έσοδα
```

```
plithos10 = 0 #πλήθος ατόμων που αγόρασαν πάνω από 10 τεμάχια
```

#Γ1

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

```
    ar = int(input("Δώσε τον αριθμό τεμαχίων"))
```

```
    xrewsh = ypologismos(ar)
```

```
    print xrewsh
```

```
    synolo += xrewsh
```

```
    if ar > 10:
```

```
        plithos10 += 1
```

```
#Γ2
```

```
print synolo
```

```
print (plithos10/50)*100
```

```
ΘΕΜΑ Δ
```

```
max = 0
```

```
pl = 0
```

```
athr = 0
```

```
KOD = []
```

```
VATH = []
```

```
kodikos = raw_input("Δώσε κωδικό")
```

```
while kodikos != "TELOS":
```

```
    KOD.append(kodikos)
```

```
    vathmos = int(input("Δώσε βαθμό"))
```

```
    # έλεγχος εγκυρότητας τιμών
```

```
    while vathmos >100 or vathmos <1:
```

```
        vathmos = int(input("Δώσε βαθμό"))
```

```
    VATH.append(vathmos)
```

```
    pl += 1
```

```
    athr += vathmos
```

```
    # εύρεση μέγιστης τιμής
```

```
    if max < vathmos:
```

```
        max = vathmos
```

```
kodikos = raw_input("Δώσε τον επόμενο κωδικό")
```

```
mo = athr/pl
```

```
# έλεγχος
```

```
for i in range(len(VATH)):
```

```
    if VATH[i] == max:
```

```
        print KOD[i],max
```

```
f = open("epityxon.txt","w")
```

```
for i in range(len(VATH)):
```

```
    f.write(str(i) + "." + KOD[i] + str(VATH[i]) + "\n")
```

```
f.close()
```

**Επιμέλεια:**

ΚΟΥΤΣΟΥΚΗΣ ΝΙΚΟΣ

**και τα κέντρα ΔΙΑΚΡΟΤΗΜΑ:** Ηράκλειο Κρήτης, Αγία Σοφία