

ΕΥΡΕΣΗ ΜΕΓΙΣΤΟΥ-ΕΛΑΧΙΣΤΟΥ ΣΕ ΑΓΝΩΣΤΟ ΠΛΗΘΟΣ ΟΡΩΝ

```
//ONOMA APXEIOY ATHRKAT_2.CPP
```

```
# include <iostream.h>
```

```
main ( )
```

```
{
```

```
    // ΔΗΛΩΣΕΙΣ
```

```
    Int TERMAT, I, IMEG, IELACH;
```

```
    float ARITHM,MEG,ELACH;
```

```
    // ΕΙΣΑΓΩΓΗ ΔΕΔΟΜΕΝΩΝ
```

```
    cout << "TERMAT=";
```

```
    cin >> TERMAT;
```

```
    cout << "ARITHM=";
```

```
    cin >> ARITHM;
```

```
    I=1;
```

```
    MEG=ARITHM;
```

```
    ELACH=ARITHM;
```

```
    IMEG=1;
```

```
    IELACH=1;
```

```
    //ΕΥΡΕΣΗ ΜΕΓΙΣΤΟΥ ΕΛΑΧΙΣΤΟΥ
```

```
    while (ARITHM !=TERMAT)
```

```
    {
```

```
        if (MEG<ARITHM)
```

```
        {MEG=ARITHM;
```

```
        IMEG=I;
```

```
        }
```

```
        else
```

```
        {
```

```
            if (ELACH<ARITHM)
```

```
                {ELACH=ARITHM;
```

```
                IELACH=I;
```

```
            }
```

```
    }  
    cout << "ARITHM=";  
    cin >> ARITHM;  
    l=l+1;  
}  
N=l-1;  
  
    //ΕΚΤΥΠΩΣΗ ΑΠΟΤΕΛΕΣΜΑΤΩΝ  
    cout << "N=" << N;  
    cout << "MEG=" << MEG;  
    cout << "IMEG=" << IMEG;  
    cout << "ELACH=" << ELACH;  
    cout << "IELACH=" << IELACH;  
    return(0);  
}
```