

ΕΥΡΕΣΗ ΜΕΓΙΣΤΟΥ ΕΛΑΧΙΣΤΟΥ ΓΝΩΣΤΟΥ ΠΛΗΘΟΥΣ ΟΡΩΝ

```
//ONOMA APXΕΙΟΥ ΑΤΗΡΚΑΤ_3.CPP
```

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

```
main ( )
```

```
{
```

```
    // ΔΗΛΩΣΕΙΣ
```

```
    Int N, I, IMEG, IELACH;
```

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

```
    // ΕΙΣΑΓΩΓΗ ΔΕΔΟΜΕΝΩΝ
```

```
    cout << "N=";
```

```
    cin >> N;
```

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

```
    cin >> ARITHM;
```

```
    I=1;
```

```
    MEG=ARITHM;
```

```
    ELACH=ARITHM;
```

```
    IMEG=1;
```

```
    IELACH=1;
```

```
    //ΕΥΡΕΣΗ ΜΕΓΙΣΤΟΥ ΕΛΑΧΙΣΤΟΥ
```

```
    for (I=2; I<=N; I=I+1)
```

```
    {
```

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

```
        cin >> ARITHM;
```

```
        if (ARITHM>MEG)
```

```
            {MEG=ARITHM;
```

```
            IMEG=I;
```

```
        }
```

```
    else
```

```
        {if (ARITHM>ELACH)
```

```
            {ELACH =ARITHM;
```

```
            IELACH=I;
```

```
        }  
    }  
  
    //ΕΚΤΥΠΩΣΗ ΑΠΟΤΕΛΕΣΜΑΤΩΝ  
  
    cout << "I=" << I ;  
  
    cout << "MEG=" << MEG ;  
  
    cout << "IMEG=" << IMEG ;  
  
    cout << "ELACH=" << ELACH ;  
  
    cout << "IELACH=" << IELACH ;  
  
    return(0) ;  
}
```