
Subject: How to find second minimum elements in an array in IDL?

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Supposing that there is an array $X=[9,2,3,5,1,6,8,4,7]$, how can I find the first and second minimums (in this array are elements 1 and 2) in this vector?

I use this to find the first minimum (element 1):

```
index = where(X eq min(X))  
minimum_first=X[index]
```

But, how can i find the elements 2 ?

thanks
