
Subject: Looking for a search routine

Posted by [jvkepner](#) on Tue, 21 Nov 1995 08:00:00 GMT

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I have two 1D floating point vectors X and Y.
Y contains values sorted in increasing order. I am
looking for a function that for each element in the
X array, X(i), will return the index of the element in the
Y array that is nearest to X(i). Ideally it would
be a function that would look something like

```
y_ids = SEARCH(X,Y)
```

-Jeremy Kepner
Dept. of Astrophysics
Princeton University
