
Subject: Re: Integer - decimal help

Posted by on Tue, 25 Aug 2009 10:31:12 GMT

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> On Aug 25, 11:14 am, Nusret Sevinç <nusretsev...@gmail.com> wrote:

>

>> I don't know how to read the integer and decimal parts of a number

>> separately . For example:

>

>> I have a number: x=34.75

>

>> I would like to read the integer part and decimal part separately:

>> a=34, b=75(or .75)

>

Thanks for your answer Marteen. But these solutions didn't work, I think I missed to say that my 'x' number is a float array with size of 1461.

> Many possibilities:

>

> ; read x as float, and peel parts apart:

> x = 34.75

> a = floor(x)

> b = x - a

When I tried this one, it gives both a and b zero.

>

> ; read x as string, and use strsplit:

> x = '34.75'

> parts = strsplit(x, ".", /extract)

> a = long(parts[0])

> b = long(parts[1])

>

> Maarten

When I tried to use this one, I changed my float array 'x' into string array, and here is the error I got:

```
IDL> parts=strsplit(nu, ".", /extract)
```

```
% Compiled module: STRSPLIT.
```

```
% STRTOK: Expression must be a scalar or 1 element array in this context: STRINGIN.
```

```
% Error occurred at: STRSPLIT      32 /usr/local/rsi/idl_6.3/lib/strsplit.pro
```

```
%      $MAIN$
```

Is there any other way for arrays?
Thanks in advance,
Nusret
