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Subject: Re: help with reading unsigned 16-bit integers  
Posted by [David Fanning](#) on Sun, 09 Dec 2007 14:59:13 GMT  
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dcleon@gmail.com writes:

```
> Try using ISHFT to create a mask that you will use to determine (by
> using a bitwise AND) if/where given bits are set:
> Taking your example for the 2-'cloud' bit:
>> cloudmask = ISHFT(1,2)
>> cloudy   = FEATURE_CLASSIFICATION_FLAGS AND cloudmask
> The resulting "CLOUDY" variable will be nonzero where the 2-'cloud'
> bit is set.
> combine with other bits as needed.
```

Here is an article that might give you some help with  
how to use ISHFT:

[http://www.dfanning.com/code\\_tips/convert24to8.html](http://www.dfanning.com/code_tips/convert24to8.html)

This is essentially what you want to do with your  
value.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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