
Subject: Re: WHERE problems (longish)

Posted by [David Fanning](#) on Tue, 22 Jul 2003 15:47:14 GMT

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Benjamin Panter writes:

- > The values which have -1 certainly exist - and were generated in exactly
- > the same way as the others. I've put the array online if anyone fancies
- > looking at it - http://www.roe.ac.uk/~bdp/where_problem.idl
- >
- > Am I being stupid again? What is special about 2980,3000 and 3020??

There is nothing special about **those** numbers, but those are not the numbers you are using in your WHERE statement. You are using 2980.0, 3000.0, and 3020.0. While there isn't a big difference between integers and floats to you, there is a HUGE difference to a computer. Better read these articles:

http://www.dfanning.com/math_tips/sky_is_falling.html

http://www.dfanning.com/math_tips/razoredge.html

Cheers,

David

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