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Assignment on byte x=1000;
How this statement is accepted by compiler without showing any error.

Generally

Float a=8.79;

It throws error because we cannot store double value to the variable a which is of type float by default the literal is considered as double literal in case of real number datatype.

Solution is:
Float a = float(8.79);

     Or

Float a = 4.7886f;

But in case of **byte x=1000;**
It doesnot throw any error because ofcourse the default value is considered as int for integer real world data but in case of byte datatype conversion narrowing is possible the value 1000 is converted to -24 which is in the range of byte so it doesnot throw any error.

```
public class IntToByte {
    public static void main(String args[])
    {
        Byte a=1000
        byte b = byte(1000);
        System.out.println(a);  //-24
        System.out.println(b);  //-24
    }
}
```