

NAME & Id: _____ .

- Q1** Write a Stack class that uses delegation (to Vector) in its implementation. Show only the implementation of the default constructor and the method isEmpty().

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- Q2** Write Java classes Animal, Duck and Cat such that Duck and Cat are subclasses of Animal. Only one method interests us here, it is numberOfLegs().

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- Q3** Draw a UML class diagram of your designs of Questions 1 – 2.