

Question 1 Given the following table definitions, circle the correct normal form violation.

	Name	Species	Age	Classification
(a)	Pugglesworth	Dog	11	Old
	McKill VonMurderface	Cat	2	Young
	Jane Doe	Human	47	Middle-Aged

- (i) First Normal Form
- (ii) Second Normal Form
- (iii) Third Normal Form
- (iv) No Violation

	Name	Position
(b)	Alan Turing	Department of Mathematics, Victoria University of Manchester
	Alonzo Church	Department of Mathematics, Princeton University
	Edsger Dijkstra	Department of Computer Science, University of Texas

- (i) First Normal Form
- (ii) Second Normal Form
- (iii) Third Normal Form
- (iv) No Violation

	Name	Rating	Description
(c)	Casablanca	PG	Some Material May Not be Suitable for Children
	The Usual Suspects	R	Under 17 Requires Accompanying Parent or Guardian
	Dumbo	G	All Ages Admitted

- (i) First Normal Form
- (ii) Second Normal Form
- (iii) Third Normal Form
- (iv) No Violation

	Ranking	Name	Style	Compiler	Description
(d)	2	C	Imperative	GCC	Popular
	18	Go	Multi-Paradigm	Go	Well-Known
	49	Awk	Imperative	-	Who?

- (i) First Normal Form
- (ii) Second Normal Form
- (iii) Third Normal Form
- (iv) No Violation