2. 1b: A bunch of algorithms that cause a machine to become smarter and learn from us humans and itself.

2. 1c: vacuums that vacuum on their own, The netflix home screen, Turing’s machine/Crhistopher from the movie ‘the imitation game’.

2. 2b: Weak AI refers to systems that are programmed to accomplish a wide range problems but operate within a pre-determined or pre-defined range of functions. Strong AI, on the other hand, refers to machines that exhibit human intelligence.

2. 2d: The Chinese Room conundrum argues that a computer cannot have a mind of its own and attaining consciousness is an impossible task for these machines. They can be programmed to mimic the activities of a conscious human being but they can’t have an understanding of what they are simulating on their own.

2. 2e: D) because it says machines do have the ability to mimic the activities of a human being but cannot understand what they are simulating. So they can copy a person’s behavior but don’t understand the reason why the person is behaving the way they are.

2. 2f: A: 6, 1, 4

B: 5, 8

C: 7, 3

D: 2, 9