Assignment 7
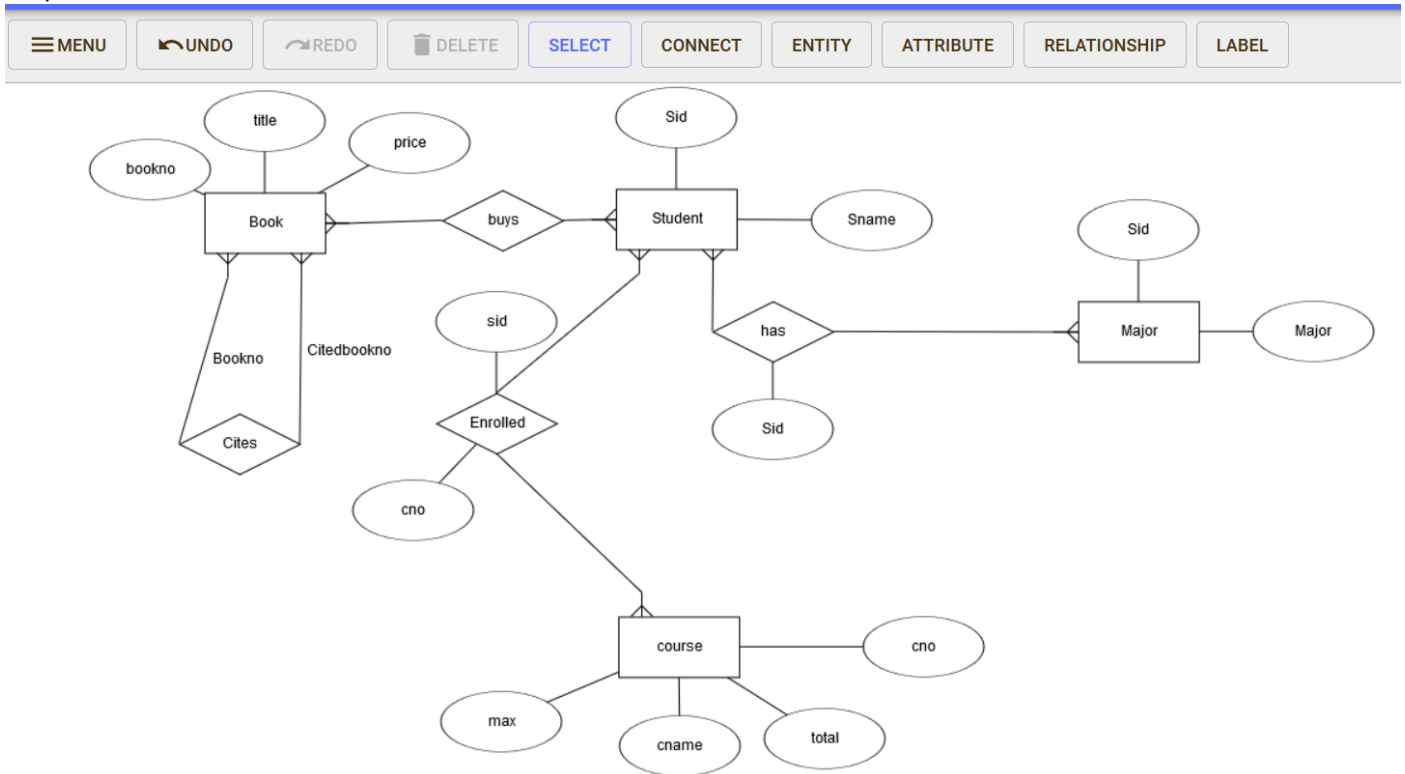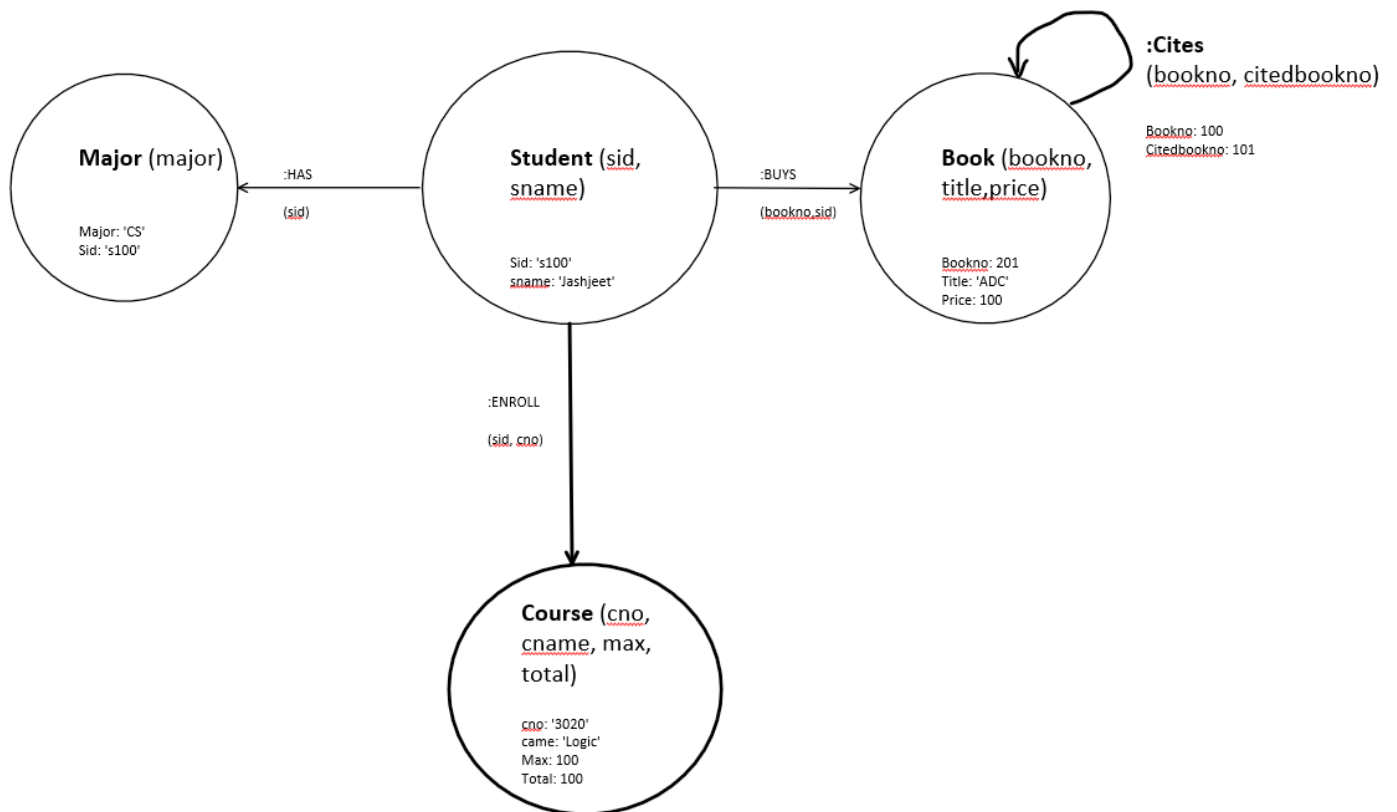## Jashjeet Singh Madan

6 a)

6 b)

Q. 7

(a)   MATCH (:Student) – [r] -> ()
        RETURN distinct type(r)

(b)   MATCH (s:Student) – [:Buys] -> (b:Books)
        WHERE s.sname = 'John' AND b.price >= 50
        RETURN s

(c)   MATCH (s:Student) – [:Buys] -> (b1:Books) – [:cites] -> (b2:Books)
        WHERE b2.price >= 50
        RETURN s

(d)   MATCH (b1:Books{price>50}) – [:cites*] -> (b2:Books)
        RETURN b2

--Help taken from Harsha

(e)   MATCH (s:Student) – [:has] -> (m:Major),
            (s:Student) <- [:Buys] – (b:Books)
        WHERE m.major = 'CS' AND m.major = 'Math'
        RETURN b, count(s)