

NAME

Asad Khan

ID NO

14944

Subject

Ba Database

Dept

Bs(cs) 4<sup>th</sup>

Submit To

Mam  
Rimshah  
Khan -

Name Asad Khan

IDS 14944

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Q No 1 Candidate Keys-

Ans:- The minimal set of attributes which can uniquely identify a tuple is known as candidate key.  
So according to definition.

ID and cell number is a candidate key.

Q No 2 Data Redundancy:-

(b) Data Redundancy is defined as the storing of the same data in multiple locations  
e.g. Saving a same file five times to five different disks.

Data integrity:- integrity is the overall completeness, accuracy and consistency of data.

A good database will enforce data integrity whenever possible.

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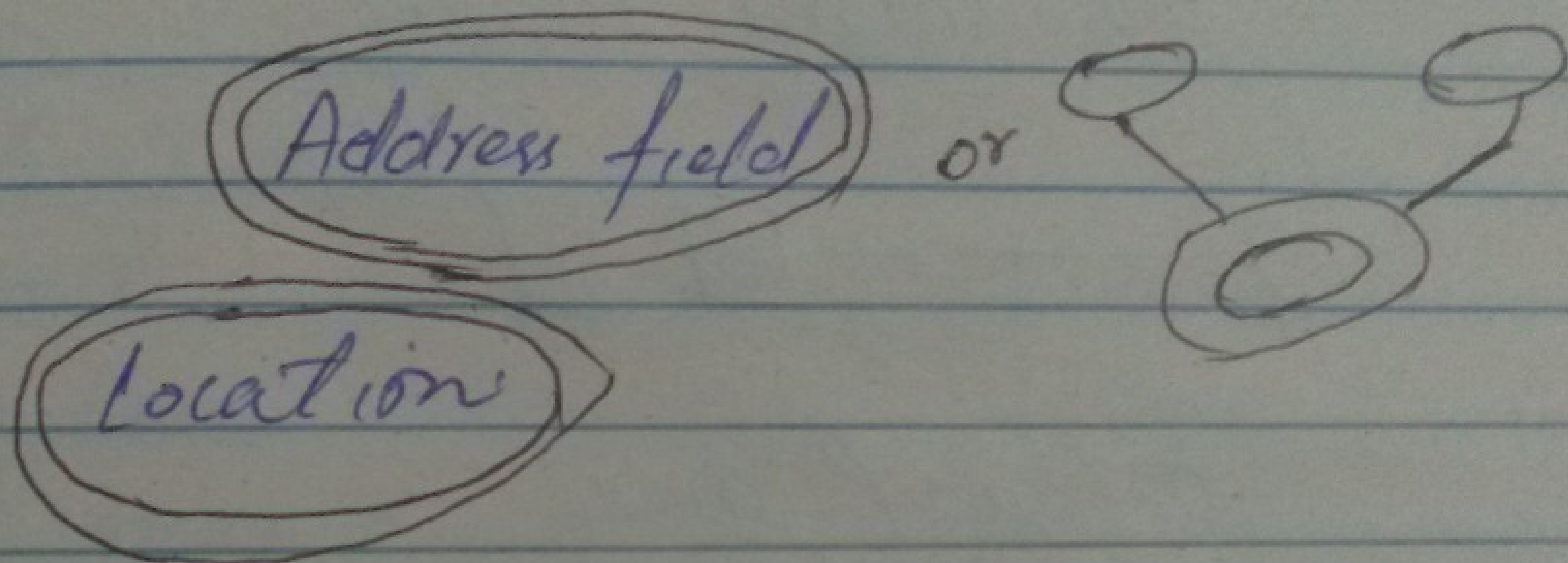
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Q No 1

3) A Multivalued attribute can have more than one value at a time for an attribute.

Diagram.



Q No 1 Backups:- it is help to

to restore computer device

during the processor of disaster recovery and restore data

after file have undergone

damage or deletion.

Database backup are essential for protection against data

loss that can completely disrupt business operations.

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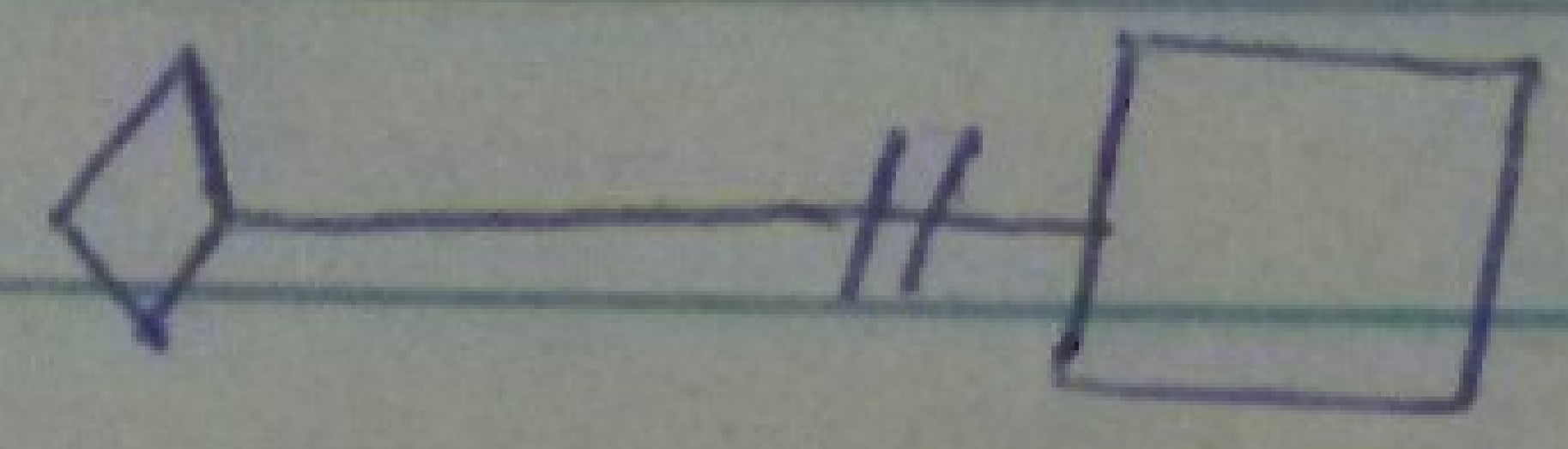
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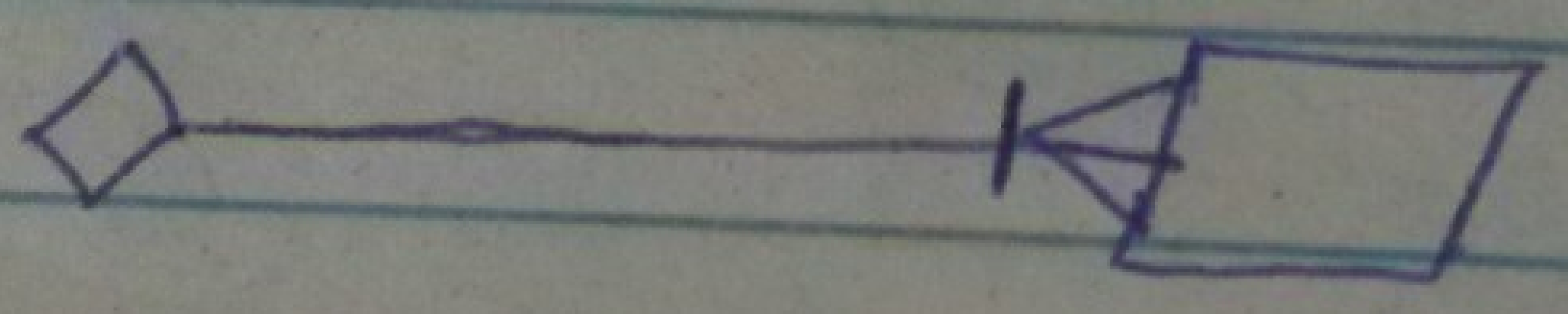
Q No 1

5)

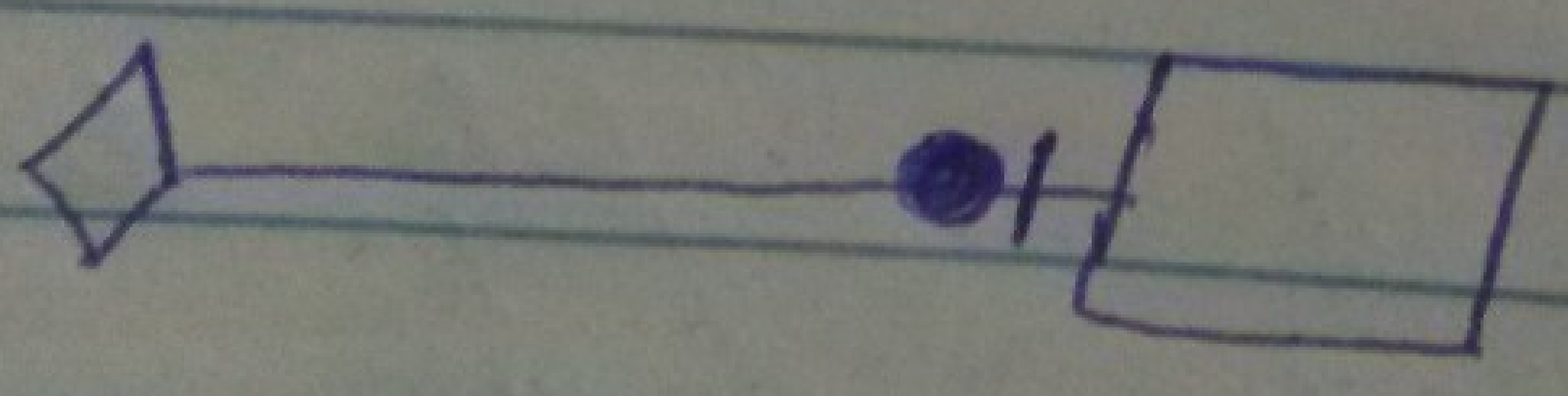
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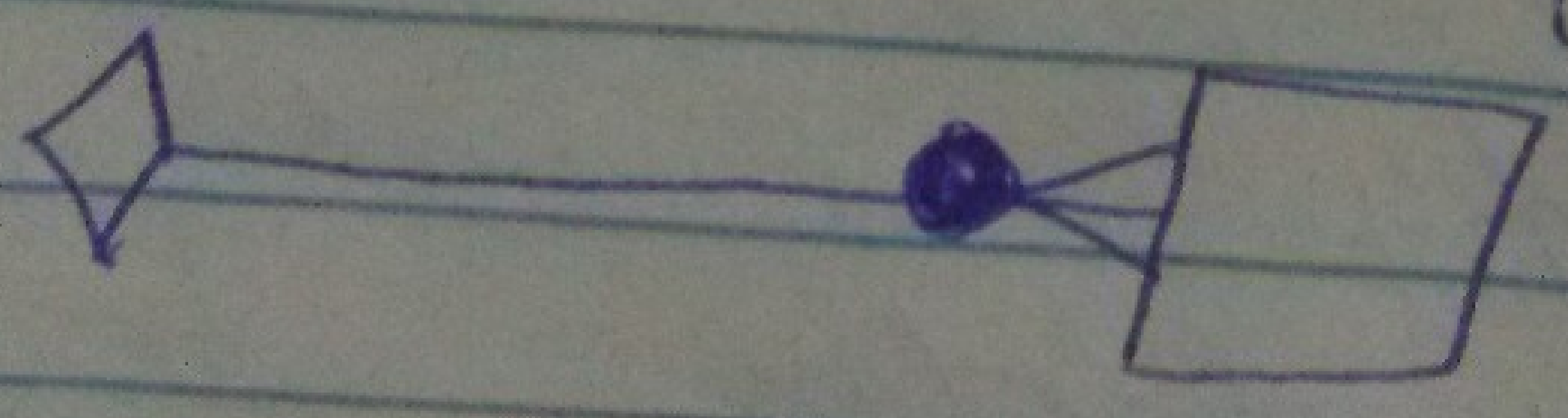
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optional one



optional many



Date:   /  /  

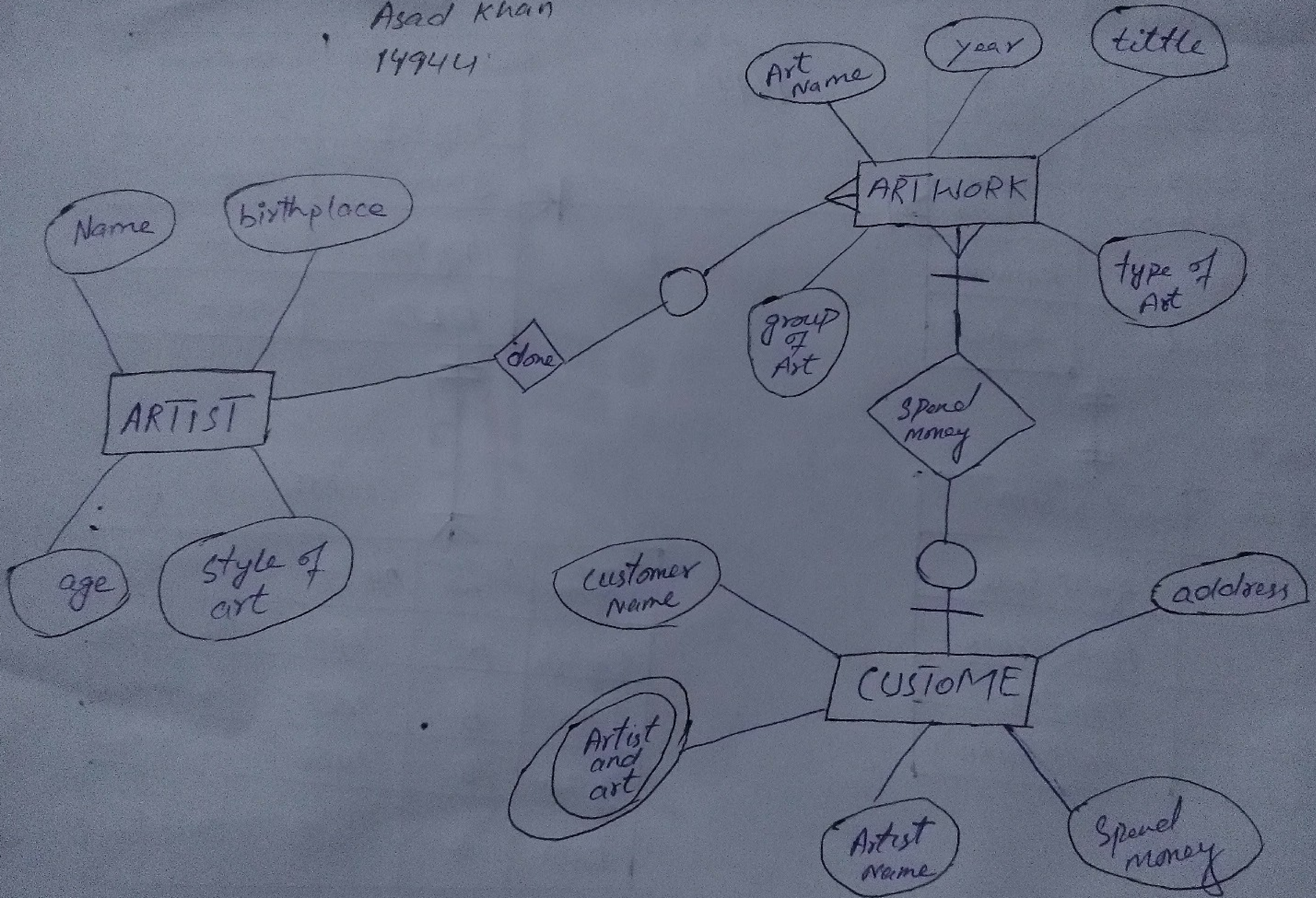
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Q No 1 it is one of the  
4) advantage of Database  
approach that stored  
data can be change frequently  
for variety of reasons  
the system will provide  
modification to a data  
without modifying the  
program and its also  
provide us way to  
reduce the maintenance of  
the program

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Students

Student ID	Student name	student address
145	Zain	Kohat
146	Mohsin	Peshwar
147	Ayan	Karachi
148	Abid	Kohat

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Course

Course Name	Course Number
English	0011
Java	101F
Python	111F
DLD	001F

Seat

Seat no	seat position
1	Right Side
2	Right side
3	Center
4	Left Side

class

Course Name	Section No	no-Registered	class Date time
English	A	1080	12 2:00 pm
Java	B	1081	14 10:00 am
Python	B	1088	15 8:00 am
DLD	A	1089	17 2:00 pm

