) a) This table is not in INF because in the "course" column to multiple values. But for a table to be in INF it must contain only atomic values at each now and column.

Here the attribute Id is the primary key and the canditate key. The attributes "Nome, "Age", Location", "Course" are non prime attributes. "Id"in she prime attributes.

The 1NF would be:

100						
	Id	Name	Age	Location		
	1	Sachin	22	Delhi		
	2	Ram	22	Tamshedpur		
	3	Mike	23	chennai		
	4	Sameer	21	Benguliene		
	5	Visay	22	Mumbai		

4d		Cowise		
	1	OS	key is IId, Coursely	
	1	DBMS	key is & Id, Coursely	
	2	AAO		
	2	DBMS		
	3	ML		
	3	OS		
,	4	DAA		
	4	ML		
	5	ML		
A	LCAMERA	DBMS	2021/04/06	

b) The 2nd table provided in the question is already in a 1NF. So, no need to convert.

For table 1(a):

Průmory Key - ID Cardidate Key - ID, Nane, Location Průme Attributes - ID, Nane, Location

Non-Prûne - Age, Course.

For table 1(b):

Pourady - Id

Cardidate - Id, Name, Phone, State Pour - Id, Name, Phone, State. Non-pour - Country.

2) a) This is not in 2NF, because it is not fully functionally independent as

EmpID -> Name, Age

EmpID, Dutyshift - ID -> Dutyshift

* Porimary Keys - EmpID

* Candidate -> EmpID, Name, Age

* Poure - EmpID, Nave, Age.

* Non-Prime -> Duty-shift-id, Duty-Shift

Converted table:

i, EmpID	Name	Age.	
101	Arun	26	
102	Bobby	28	,
. 103	Sweet	32	
O ALDUAL CAMERA Shou by Nath Knock	sta	24	

ii, Emp ID	Dutyski	H-ID	Dutyskift
101	1	. 9.800 us	Morning
102			Afternoon
103	2	.,*	Night
104	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	je do na osa sa st je karosta ste s	Morning
b) They table	is not in s	INF because	it is not fully
functionally	endependent u	ary.	it is not fully
EmpEl) -> Name	à	
Emp-ID, Pou	ject-ID ->	Project Na	me, No-of-hours.
* Primary key	-) Emp-ID		
* Candidate ke		Project - ID	
* Prine altri	•	200 9 299 - 11	
to Non-prime		ect ware, no	- of -howy
Converted tab	1		
OT 7m3	Nane		
123	Asay.		if the man
321	Charu	wind '41	la se de la compresa del compresa de la compresa de la compresa del compresa de la compresa del compresa de la compresa de la compresa de la compresa de la compresa del compresa de la compresa della co
546	Rajesh	7. J. H. J.	The first said of
765	Abhishek		
8mp-70	Project - II) Prop	ct - Name No-of-hour
123	Poy - 21		
321	P99 - 45	W. Salara A.	0 + 1111
546	Porg - 24	1, 143 (179	
WAL CAMERA Hoy Neglu Knock	Pry -11		rate lickets 23 NLR 2021/04/06/16345

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Pollmary key.

Building	Contractor	Bullder
B-2156	Taylor	Prestize
B-5765	Sandeep	Hivanandari
B-4567	Vishaka	Tota

pramary key - of contractor, fee 3

	J & CLOISCIA
Contractor	Fee.
Taylor	2567891
Sandeep	3567356
Vishaka	4567990

b) Here there exist transitive dependency. So, it is not in Econtractor 3 -> { Fee }

There should be no transitive dependency in 3NF. These should of Building I -> pointage key

l'constructor, Building, Fee y - non prime cattributes

{ Building } -> Contractor

Al Definition Builder

{Contractor} -> Fee

Transitive dependency on Building ID. So. 200

in 3NF.