(1) PLAYER (pnum, pname, team, position, team-address)

A relational schema PLAYER is designed incorrectly

Insertion test:

PLAYER pnum	pname	team	position	tear	m-address	
1	Joe	Bees	defence	NY,	Long Rd	T
2	James	Bees	defence	NY,	Long Rd	
3	Bill	Bees	midfield	NY,	Long Rd	

Decomposition:

```
TEAM(team, team-address)
PRIMARY KEY = (team)
CANDIDATE KEY = (team-address)

PLAYER(pnum, pname, team, position)
PRIMARY KEY = (pnum)
FOREIGN KEY = (team) REFERENCES TEAM(team)
```

(2) WAREHOUSE (name, address, item, price, quantity)

A relational schema WAREHOUSE is designed incorrectly

Insertion test:

WAREHOUSE	name	addres	ss	item		price	quantity	
Ī	XYZ	Short	St	bolt		1.2	500	
	XYZ	Short	St	nut	1	5.3	560	-
	XYZ	Short	St	screw	7	4.7	1	

Decomposition:

```
WAREHOUSE(name, address)
PRIMARY KEY = (name)
CANDIDATE KEY = (address)
```

```
ITEM(name, item, price, quantity)
PRIMARY KEY = (name, item)
FOREIGN KEY = (name) REFERENCES WAREHOUSE(name)
```

(3) FLIGHT (passenger, flightNum, seatType, departurePlace, departureTime)

A relational schema FLIGHT is designed incorrectly

Insertion test:

FLIGHT|passenger|flightNum|seatType|departurePlace|departureTime|

Decomposition:

```
FLIGHT(flightNum, departurePlace, departureTime)
PRIMARY KEY = (flightNum)

BOOKING(passenger, flightNum, seatType)
PRIMARY KEY = (passenger, flightNum)
FOREIGN KEY = (flightNum) REFERENCES FLIGHT(flightNum)
```

(4) ENROLMENT (studentNum, subjectCode, enrolDate, IP)
A relational schema ENROLMENT is a header of a relational table that contains information about the students enrolled in the subjects (subjectCode). A triple of attributes (studentNum, subjectCode, enrolDate) uniquely identifies each row in the relational table. An attribute IP is an IP address of a computer from where an enrolment has been done.

A relational schema ENROLMENT is designed correctly

(5) CAR (regoNum, manufacturer, model, year, colour)
A relational table CAR contains the descriptions of cars. A registration number (regoNum) uniquely identifies each car. A car is described by a manufacturer name (manufacturer), model name (model), year when manufactured (year), and colour (colour).

A relational schema ENROLMENT is designed correctly