

Date: _____

Problem 3 : legal age of marriage in Pakistan

Understood : In Punjab girls can marry at age at 16 and boys at age at 18. In Sindh both can marry after they turn 18. Have to check if someone is eligible for marrying in accordance to where they live.

Solution : ASK user for their province, age and gender and then tell if it is legal for them to marry.

Pseudocode :

START

OUTPUT "Enter your age and gender, and the province you live in"

INPUT Age, gender, province

IF Province == "Punjab" THEN

IF gender == "girl" AND age \geq 16 THEN

OUTPUT "legal for you to marry in Punjab"

ELSE IF gender == "boy" AND age \geq 18 THEN

OUTPUT "legal for you to marry in Punjab"

ELSE

OUTPUT "Not legal for you to get married in Punjab"

ENDIF

ENDIF

ELSE IF Province == "Sindh" THEN

IF age \geq 18 THEN

OUTPUT "legal for you to marry in Sindh"

ELSE OUTPUT "Not legal to get married in Sindh"

ENDIF

ELSE

OUTPUT "Invalid province entered"

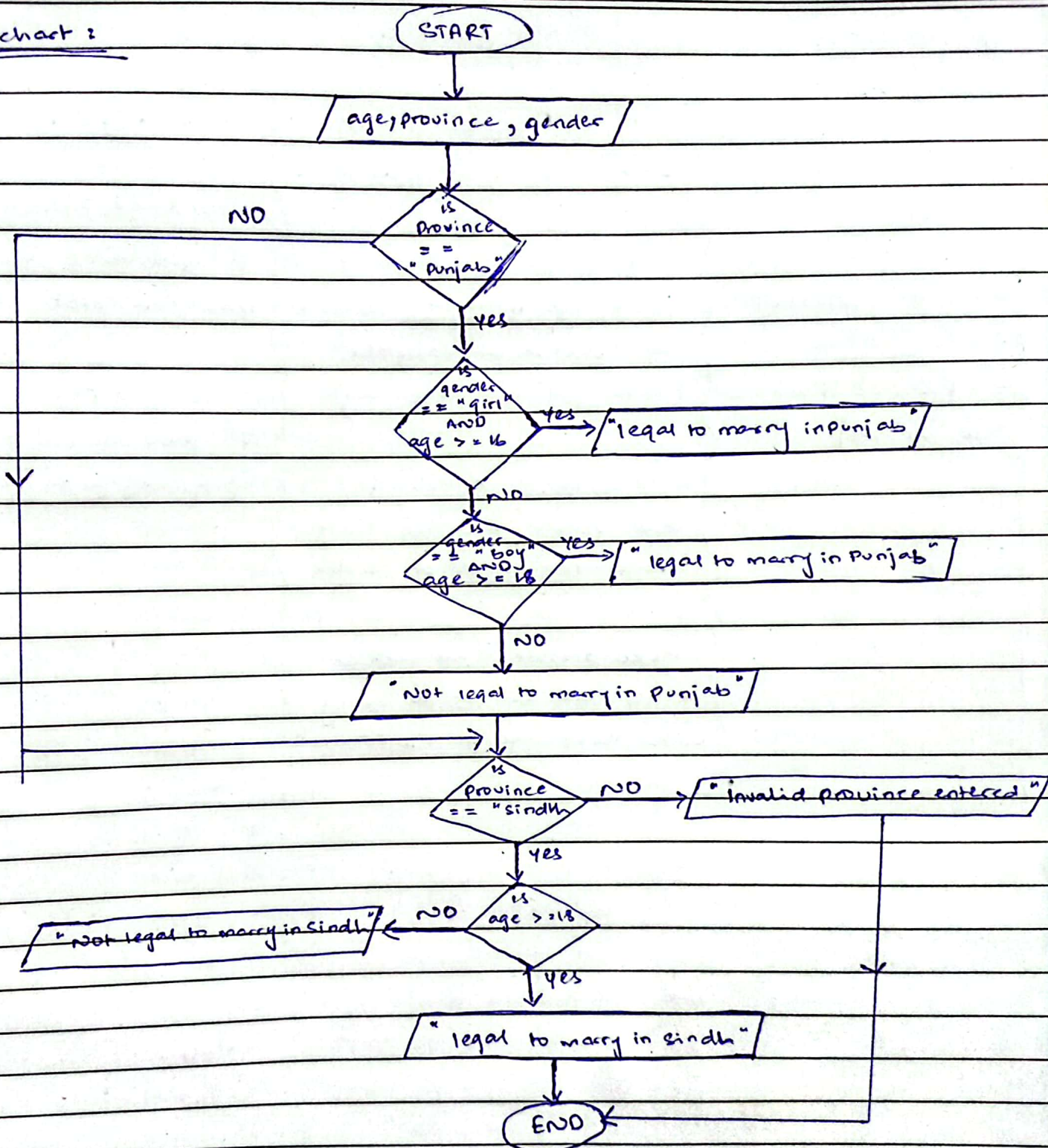
ENDIF

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END

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Flowchart 2



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IPO chart :

Input	Process	Output
<ul style="list-style-type: none">- Gender (boy or girl)- Age (integer)- Province (Punjab or Sindh)	<ul style="list-style-type: none">- Check the Province.- If Punjab : check if user's age meet the required age based on gender (16 for girl and 18 for boy)- If Sindh : check if the user's age is 18 or above regardless of gender.- Make decision on whether it is legal or not to marry with that age in the province.	<ul style="list-style-type: none">- Message indicating if marriage is legal or not.- Invalid province if province is not from Punjab or Sindh.