**PAC**

|  |  |
| --- | --- |
| **INPUT** | **REQUIRED RESULT** |
| * SET DAILYLIMIT = 5000 * USER’S TOTALSPENDING , TRANSACTIONAMOUNT , TRANSACTIONSTHISHOUR , TRANSACTIONCOUNTRY | * TRANSACTION IS TO BE FLAGGED OR PROCESSED |
| **PROCESSING** | **SOLUTION ALTERNATIVES** |
| * ASK USER FOR THE TRANSACTION AMOUT * ASK USER FOR THE TOTAL SPENDING FOR THE DAY * IF TRANSACTIONAMOUNT + TOTALSPENDING > DAILYLIMIT , OUPUT “YOUR TRANSACTION HAS BEEN FLAGGED” * OTHERWISE , ASK “ENTER THE TRANSACTION COUNTRY” * IF TRANSACTION COUNTRY != Pakistan , pakistan , UAE , uae , OUTPUT “YOUR TRANSACTION HAS BEEN FLAGGED” * OTHERWISE , ASK “ENTER THE NUMBER OF TRANSACTION THIS HOUR” * IF TRANSACTIONTHISHOUR > 3 , OUTPUT “YOUR TRANSACTION HAS BEEN FLAGGED” * OTHERWISE , OUTPUT “YOUR TRANSACTION IS BEING PROCESSED” | * ARRAYS COULD BE USED * STRUCTURES COULD BE USED * NESTED IF STATEMENTS COULD BE USED |

**IPO**

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| **INPUT** | **PROCESSING** | **MODULE  REFERENCE** | **OUTPUT** |
| * SET DAILYLIMIT = 5000 * TOTALSPENDING * TRANSACTIONAMOUT * TRANSACTIONCOUNTRY * TRANSACTIONTHISHOUR | * DAILYLIMIT = 5000 * ASK TRANSACTIONAMOUNT * ENTER TRANSACTIONAMOUNT * ASK DAILYSPENDING * ENTER DAILYPSENDING * IF TRANSACTIONAMOUT + DAILYSPENDING > DAILYLIMIT , OUTPUT “YOUR TRANSACTION HAS BEEN FLAGGED” * ASK TRANSACTIONCOUNTRY * ENTER TRANSACTIONCOUNTRY * IF TRANSACTIONCOUNTRY != Pakistan , pakistan ,UAE , usa ,  OUTPUT “YOUR TRANSACTION HAS BEEN FLAGGED” * ASK TRANSACTIONTHISHOUR * ENTER TRANSACTION THIS HOUR * IF TRANSACTIONTHISHOUR > 3 , OUTPUT “YOUR TRANSACTION HAS BEEN FLAGGED” * OUTPUT “YOUR TRANSACTION IS BEING PROCESSED” | * SET * PRINT * INPUT * PRINT * INPUT * IF * PRINT * PRINT * INPUT * IF * PRINT * PRINT * INPUT * IF * PRINT * PRINT | * WHETHER THE TRANSACTION IS TO BE FLAGGED |