# Question: 04

PAC Chart

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| Given Data | Required Results | Processing Required | Solution Alternatives |
| The integral representation of the cards | If the set of cards is a full house or not | If  (card1 == card2 == card3 and card4 == card5)  Or (card2 == card3 == card4 and card1 == card5)  Or (card3 == card4 == card5 and card1 == card2)  Or (card1 == card2 == card4 and card3 == card5)  Or (card1 == card2 == card5 and card3 == card4)  Or (card2 == card3 == card5 and card1 == card4)  Or (card1 == card3 == card4 and card2 == card5)  Or (card1 == card3 == card5 and card2 == card4)  Or (card1 == card4 == card5 and card2 == card3)  Or (card2 == card4 == card5 and card1 == card3) | Instead of multiple if…else an array could be used. |

# IPO Chart

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| Input | Processing | Output |
| The integral representation of the five cards | Checking if three out of these five cards are same and the other two are also same | If the given set of five cards is a full house or not |









