Finding the durinning stratology in cond chame thing python Aim: To write a python porogram that simuldes a simple and game between I wo plays, and determines the winner based on the highest carl on a defined stratogy. Algorithm 1. shart the porcogram 2. Imposit the random module to simulate and drawing 3. Initialize a list superesting Condivatives 100y. 1-13 for ACP - kin) 4. Simulate dech shuffling wsing trandom. shoftlpl) J. distribute and to two player (early 6. calculate fotal score or highest and value number each) for each player 7. compare nerules: o is player 1's scoros player 2's -> player · il player 2's score s play 1's -> player , it score equal dones 8. Display ands drawn and winning extratory q. End the program

Task: 13

pstogram: import orandom A gillion Cards = list (riange (1, 14) det Problew . Cords (nom): deck = Cards * 4 random. Shuffle (deck) sieturin random- 5ample (deck num) det Cal adate - Score (hand): eneturin Sum (hand) des and - nam c (value): names = (1: 'A) 11: 11;12: '91,13: Ky return namer. get (value, str (value)) posint (" simple Cond game - winning storatory simplation" name - ands = 5 player 1- hand = draw- Gords (nom- Cord) player 2 - hand = abraw _ con lo Clum - and score 1 = calculate _ Scor ((player 1 _ hand) Scer 2 27 = Calculate - s core (players_ hand) print ("In prhayer 1 cards:") [for to name() Jon (in player 1_hand, "-) Total! score 1) print (" player 2 gards: " (cord name (c) forc in day 2_ hand J, "-) Total : 1,5 (0102) print ("In +-/ Result --11) 9007 7 1 5000 2 29; print [player 1 ains! st nateray focus
on drawing higher Cords (10, F, a, k, h)") output: Simple Cond Game - winning Strakeray play 1 auch: [11', 17', 9',3', k']play 2 cords: ['5's '0')10', 5 56'J =) Total (4) player 2 wins! Standergy: Folus oh higher-Value Carah and balance belung Grame over 1000

dis geore 2 score 12

print (" player 2 wins) stratergy: Focus on
higher value cords and belance between suits')

che:

print (" sts'-a praw 1)

print (" In Frame over")

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	EX NO.	13
	PERFORMANCE (5)	5
	RESULT AND ANALYSIS (5)	5
	VIVA VOCE (5)	5/
	RECORD (5)	15
	TOTAL (20)	
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