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Period 5

Elevens Lab Questions

1) No Questions

2) A) A deck contains one or more cards, but cards can exist without a deck

B) 6

C) String[] suits = new String[4];

Suits[0] = “Spades”; suits[1] = “Hearts”; suits[2] = “Diamonds”; suits[3] = “Clubs”;

String[] ranks = new String[13];

ranks[0] = “One”; ranks [1] = “Two”; ranks [2] = “Three”; ranks [3] = “Four”;

ranks[4] = “Five”; ranks [5] = “Six”; ranks [6] = “Seven”; ranks [7] = “Eight”;

ranks[0] = “Nine”; ranks [8] = “Jack”; ranks [9] = “Queen”; ranks [10] = “King”;

ranks[12] = “Ace”;

int[] pointValues = new int[10];

for(int i = 0; i<13; i++){pointValues[i] = i;}

D)Yes, they’ll get assigned values respectively

3) A) public static String flip(){

Random generator = new Random();

int determineFlip = generator.nextInt(3);

//Tails if zero, heads if one or two

if(determineFlip == 0){return “Tails”;}

else(){return “Heads”;}

}

B) public static Boolean arePermutations(int[] array1, int[] array2){

boolean[] answer = new boolean[array1.length];

for(int i = 0; i < array1.length; i++){

for(int num; array2){

if(array1[i] == num){

Boolean[i] = true;

Break;

}

}

if (boolean[i] = false){return false}

}

return true;

}

C) It’ll start at the rear, generate progressive random numbers (1, 2, 3, 4) and swap them as the loop iterates backwards through half of the array.

5) Buggy1: Constructor or Method (write method name): deal()

Describe a Possible Code Error:

Not decrementing the size after successfully dealing a card.

Buggy2: Constructor or Method (write method name): testOneCard()

Describe a Possible Code Error:

Bad boolean operator comparison

Buggy3: Constructor or Method (write method name):

Describe a Possible Code Error: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Buggy4: Constructor or Method (write method name):

Describe a Possible Code Error: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_