Courses » Joy of computing using Python

Unit 8 - Week 6: Cool Ideas (Part 4) Z. Register for Certification **Assignment 6** exam Due on 2019-03-13, 23:59 IS The due date for submitting this assignment has passed. Course outline As per our records you have not submitted this assignment. 1 point Complete the following recursive function for calculating the factorial of a number. How to access the portal def fact(num): if(num==0): Week 1: Introduction return 1 else: Week 2: Introduction return to Python fact(num-1) Week 3: Cool Ideas num*fact(num) (Part 1) num*fact(num-1) (num-1)*fact(num) Week 4: Cool Ideas (Part 2) No, the answer is incorrect. Score: 0 Week 5: Cool Ideas (Part 3) Accepted Answers: num*fact(num-1) Week 6: Cool Ideas 2) What is the output of the following recursive function? 1 point (Part 4) def test(i,j): Substitution Cipher if(i==0): -The science of return j secrecy else: Substitution Cipher return test(i-1,i+j) -The science of print(test(4,7)) secrecy 01 Substitution Cipher 13 The science of 7 secrecy 02 0 17 Substitution Cipher 0 10 -The science of secrecy 03 No, the answer is incorrect. Tic Tac Toe - Down Score: 0 the memory Lane **Accepted Answers:** Tic Tac Toe - Down 17 the memory Lane 01 1 point State True or False. Tic Tac Toe - Down Recursion and iteration are similar programming techniques. the memory Lane 02 True Tic Tac Toe - Down the memory Lane 03 False Tic Tac Toe - Down No, the answer is incorrect. the memory Lane 04 Score: 0 Tic Tac Toe - Down Accepted Answers: the memory Lane 05 False Recursion 4) Which of the following statements is true? 1 point Recursion 01 Both Caesar cipher and Substitution cipher are the same Recursion 02 Caesar and Substitution cipher are totally unrelated Recursion 03 Caesar cipher is a special case of Substitution cipher Recursion 04 Substitution cipher is a special case of Caesar cipher Recursion 05 No, the answer is incorrect. Score: 0 Recursion 06 Accepted Answers: Programming Caesar cipher is a special case of Substitution cipher Assignment-1: Computing Paradox If AMIT is encoded as ZLHS and SIMRAN is encoded as RHLQZM, then how would SOUJANYA be encoded as? 1 point Programming RNTIZGFD Assignment-2: Dictionary RTNIZMXZ Programming RTNIZMZX Assignment-3: RNTIZMXZ Functions No, the answer is incorrect. Quiz : Assignment 6 Score: 0 Week 6 Feedback Accepted Answers: Form RNTIZMXZ Week 7: Cool 6) What is a Cipher? 1 point Ideas(Part 5) An algorithm for performing encryption and decryption. Week 8: Cool An encrypted message Ideas(Part 6) Both A and B Week 9: Cool None of the above Ideas(Part 7) No, the answer is incorrect. Week 10: Cool Score: 0 Ideas(Part 8) Accepted Answers: An algorithm for performing encryption and decryption. Week 11 7) How many winning configurations are possible for a player in the Tic Tac Toe game? 1 point Week 12 2 DOWNLOAD VIDEOS TEXT TRANSCRIPTS 0 8

> No, the answer is incorrect. Score: 0

Interaction Session

8) What is the game strategy used in the Tic Tac Toe game?

Accepted Answers:

Divide and Conquer

 Min-Max Strategy Greedy Strategy

None of the above

No, the answer is incorrect. Score: 0

Accepted Answers: Min-Max Strategy

9) Which of these statements is true? Recursion can solve a few problems which Iteration cannot.

Iteration can solve a few problems which Recursion cannot. Anything that Recursion can solve can be solved by Iteration.

Recursion and Iteration are totally unrelated.

Score: 0 Accepted Answers:

No, the answer is incorrect.

Anything that Recursion can solve can be solved by Iteration.

Previous Page

End

1 point

1 point



A project of



© 2014 NPTEL - Privacy & Terms - Honor Code - FAQs -