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| REACT FRONT END DEVELOPMENT  1.Write a function askQuestion and display the cancellation?  Soln: function askQuestion(question) { var userAnswer = prompt(question); if (userAnswer !== null) { if (userAnswer.toLowerCase() === "paris") { alert("Correct! Paris is the correct answer.");  } else {  alert("Wrong answer. The correct answer is Paris.");  }} else {  alert("You cancelled the question.");  }}  askQuestion("What is the capital of France?");    Output:  The correct answer is Paris.    2.Write a javascript for loops to identify and display the capital planet and animal.  Soln: function askQuestions() { for (var i = 0; i < questions.length; i++) { var userAnswer = prompt(questions[i].question); if (userAnswer !== null) { if (userAnswer.toLowerCase() === questions[i].answer.toLowerCase()) { alert("Correct! That's the right answer.");  } else {  alert("Wrong answer. The correct answer is: " + questions[i].answer);  }  } else { alert("You cancelled the quiz."); break;  } }  alert("End of the quiz. Thanks for playing!");  }  askQuestions(); |
| Output:  The correct answer is “Paris”,”Mars”,”Blue whale”.    3. Write a javascript modules that contains a function to calculate the area of rectangle ?  Soln:  Module: rectangle.js export function calculateRectangleArea(length, width) { return length \* width;} import { calculateRectangleArea } from './rectangle.js'; const length = 10; const width = 5; const area = calculateRectangleArea(length, width); console.log(`The area of the rectangle is: ${area}`);    output:  The area of the rectangle is: 50    4.Write a javaScript function that checks if a given email address is specific domain?  Soln:  function isEmailFromDomain(email, domain) { const extractedDomain = email.split('@')[1];  “ Check if the extracted domain matches the specified domain” return extractedDomain === domain;} const email1 = "user@example.com"; const email2 = "anotheruser@gmail.com"; console.log(isEmailFromDomain(email2, "gmail.com")); Output: true console.log(isEmailFromDomain(email2, "yahoo.com"));  Output: false  In the above code,isEmailFromDomain function takes an emailaddress and extracts the domain using split and checks if it matches the specific domain and display the result.      R.SANTHOSH  BE CSE AIML (II YEAR)  727822TUAM050 |