

Programming Questions

1. Write a function to convert a decimal number string into binary string.
For example, string A contains "123" which is decimal value 123. Convert this string into binary string.
2. Write a program to read a CSV file and print the same in the output file.
This csv file contains three columns having numeric value. The output file should additionally contain the sum of these numeric values.
3. Write a program to read value from the DB. The SB scheme is as follows:
 - a. Username: root
 - b. Password: root
 - c. Table name: test
 - d. Schema
 - i. Emp name varchar 200
 - ii. Emp age int 10
4. Write a program to call a HTTP URL and print the output
 - a. URL is <http://127.0.0.1:8999/test?value=p>
5. Write a program to store the value in Hashmap (key, store) and then search those given value from the hashmap and print it.
 - a. Name is key and age is value so store some sample values like
 - i. (Ram, 36), (shyam,60)
6. Write a HTTP server program that take the print the received value read from the DB as per Q3
7. Write a program that take the command line input and print all received inputs
8. Write a SQL query to find the age is less than 30 and name start with S
9. Design a nice front-end page that take user name and password and as input and validate allow the user to be authenticated and if user credential is ok, then print success else failure.

Notes:

- Time is not the limit. Just mention the time taken per question
- If any part of question is not clear, mention what is not clear, take assumption and solve it.
- No questions to be asked.
- Each of the program should include all possible error handling