Web Developer

Test Questions

Prepared and submitted for

Codeland InfoSolutions Pvt. Ltd.

Version 1

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1   Contents

2   Instructions:

Question 1, carries 5 points

Question 2, carries 3 points

Question 3, carries 3 points

Scoring more than 6 points, is necessary to be selected, for further rounds of interview.

3   Question 1: Write a shell script

1. Read the log file and print how many log messages of each type are the present.

2. Save the response of the above to a file.

03/22 08:51:01 INFO :.main: *************** RSVP Agent started ***************

03/22 08:51:01 INFO :...locate_configFile: Specified configuration file: /u/user10/rsvpd1.conf

03/22 08:51:01 INFO :.main: Using log level 511

03/22 08:51:01 INFO :..settcpimage: Get TCP images rc - EDC8112I Operation not supported on socket.

03/22 08:51:01 INFO :..settcpimage: Associate with TCP/IP image name = TCPCS

03/22 08:51:02 INFO :..reg_process: registering process with the system

03/22 08:51:02 INFO :..reg_process: attempt OS/390 registration

03/22 08:51:02 INFO :..reg_process: return from registration rc=0

03/22 08:51:06 TRACE :...read_physical_netif: Home list entries returned = 7

03/22 08:51:06 INFO :...read_physical_netif: index #0, interface VLINK1 has address 129.1.1.1, ifidx 0

03/22 08:51:06 INFO :...read_physical_netif: index #1, interface TR1 has address 9.37.65.139, ifidx 1

03/22 08:51:06 INFO :...read_physical_netif: index #2, interface LINK11 has address 9.67.100.1, ifidx 2

03/22 08:51:06 INFO :...read_physical_netif: index #3, interface LINK12 has address 9.67.101.1, ifidx 3

03/22 08:51:06 INFO :...read_physical_netif: index #4, interface CTCD0 has address 9.67.116.98, ifidx 4

03/22 08:51:06 INFO :...read_physical_netif: index #5, interface CTCD2 has address 9.67.117.98, ifidx 5

03/22 08:51:06 INFO :...read_physical_netif: index #6, interface LOOPBACK has address 127.0.0.1, ifidx 0

03/22 08:51:06 INFO :....mailslot_create: creating mailslot for timer

03/22 08:51:06 INFO :...mailbox_register: mailbox allocated for timer

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP via UDP

03/22 08:51:06 WARNING:.....mailslot_create: setsockopt(MCAST_ADD) failed - EDC8116I Address not available.

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp-udp

03/22 08:51:06 TRACE :..entity_initialize: interface 129.1.1.1, entity for rsvp allocated and initialized

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP via UDP

03/22 08:51:06 WARNING:.....mailslot_create: setsockopt(MCAST_ADD) failed - EDC8116I Address not available.

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp-udp

03/22 08:51:06 TRACE :..entity_initialize: interface 9.37.65.139, entity for rsvp allocated and initialized

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP via UDP

03/22 08:51:06 WARNING:.....mailslot_create: setsockopt(MCAST_ADD) failed - EDC8116I Address not available.

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp-udp

03/22 08:51:06 TRACE :..entity_initialize: interface 9.67.100.1, entity for rsvp allocated and initialized

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP via UDP

03/22 08:51:06 WARNING:.....mailslot_create: setsockopt(MCAST_ADD) failed - EDC8116I Address not available.

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp-udp

03/22 08:51:06 TRACE :..entity_initialize: interface 9.67.101.1, entity for rsvp allocated and initialized

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP via UDP

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp-udp

03/22 08:51:06 TRACE :..entity_initialize: interface 9.67.116.98, entity for rsvp allocated and initialized

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp

03/22 08:51:06 INFO :.....mailslot_create: creating mailslot for RSVP via UDP

03/22 08:51:06 INFO :....mailbox_register: mailbox allocated for rsvp-udp

03/22 08:51:06 TRACE :..entity_initialize: interface 9.67.117.98, entity for rsvp allocated and initialized

4   Question 2: Write a SQL Script

1. Create a database named "MyCompany"

2. Create a Table called "Customers", with the following schema and data:

CustomerID	CustomerName	ContactName	Address	City	PostalCode	Country
1	Alfreds Futterkiste	Maria Anders	Obere Str. 57	Berlin	12209	Germany
2	Ana Trujillo Emparedados y helados	Ana Trujillo	Avda. de la Constitución 2222	México D.F.	05021	Mexico
3	Antonio Moreno Taquería	Antonio Moreno	Mataderos 2312	México D.F.	05023	Mexico

3. Create a Table called "Orders", with the following schema and data:

OrderID	CustomerID	EmployeeID	OrderDate	ShipperID
10308	2	7	1996-09-18	3
10309	37	3	1996-09-19	1
10310	77	8	1996-09-20	2

4. Create a Table called "Shippers", with the following schema and data:

ShipperID	ShipperName	Phone
1	Speedy Express	(503) 555-9831
2	United Package	(503) 555-3199
3	Federal Shipping	(503) 555-9931

5. Write a query to get the list of all the orders placed by "Ana", that falls after 1996, and its shipper details.

5 Question 3: Create a Web Page

Re-Create the following URL using HTML, CSS. https://codeland.in/about-us/ Javascript interactions are not needed.