

QUALITIMES

A QUALITY THAT DOES NOT CHANGE WITH TIMES

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Editor's Choice... **A Wish**

Geeta S

December : The month synonymous with joy, happiness, Rudolph, Red color, Carols, gifts, surprises, snow, mistletoe and the mystique of Santa. The year quietly but joyfully draws to a close on a happy note with the promise of a bright new, fresh happy start with New Year round the bend.

I had the chance to become Santa on one such beautiful Christmas way back in 2002 for my niece, nephew and all their friends. Nervous in the beginning, I managed the role play well (I think!). With wonder filled eyes the children followed me around and took their presents gleefully. A highly satisfying act indeed! Reflecting on it later I was amazed by the entire mystique around the legend. The innocent undying belief in Santa and his sledge and reindeers has transcended all geographical and cultural boundaries. How I wished I were a child again...!

Truly, there is nothing more precious in the world as bringing a smile to a child's face. Santa Claus...Kris Kringle...Old Saint Nick... all aliases...we see him all over, in parades, posters, hoardings and at department stores...who is he and

who made him? Why does he have so many aliases? The myth is old and the origin unknown(?). The debate carries on. But whoever had this brilliant idea, I earnestly want to thank him, for creating such a loveable character along with the red nosed Rudolph(created by Robert L. May). I want to thank the person for his foresight. All the kids of the world come together to celebrate and for that one day all parents, neighbors and people all over the world UNITE in their effort to make the children happy.

I wish that the entire world could follow the Christmas spirit long after it is over...

I wish we could forget our differences and resolve/ strive to make this earth a happy place for our children—the future of this world!

I wish the Santa in all of us could keep GIVING to ALL those who need love and affection all the year round instead of just Christmas.

How O How I wish we could embody even half of Santa's selfless love for children all over the world without a thought about geographical or cultural barriers and restraints.

Why can we not become the 'MAGI' for our children?

Someday... I hope!
I'm dreaming of a white Christmas
Just like the ones I used to know
Where the treetops glisten,
and children listen
To hear sleigh bells in the snow.

I'm dreaming of a white Christmas
With every Christmas card I write
May your days be merry and bright
And may all your Christmases be white .



Qualitimes
wishes all its

readers a holiday season
full of happiness, peace
and love!

Merry Christmas and a
Happy New Year!!!

Editorial Panel

- Geeta S
- Jyoti R
- Sunmeet S
- Venu M

(Want to be a part of the
panel. Forward your interest
to:
qualitimes@qualitreeinc.com)

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Has anything to share - We are all ears!!! Please send in your articles to: qualitimes@qualitreeinc.com



Glimpse at Java Web Applications - Part III

HOW JAVA SERVER PAGES WORK

The Figure shows the two basic UI components that make up a portion of our web application using HTML and JSP pages. The feature presented in this example involves enabling website users to join/subscribe to a mailing list – for which we need to capture and store their information in our mailing list database.

A simple HTML page (with a form) is used to collect and forward entry details to a Java Server Page which would probably validate the entries and eventually interact with a database to store the entry details as part of our mailing list data. The HTML form entries are sent to the Web Server upon the user clicking the “Join” button. Since the Action property of the HTML page form points to a JSP page, the web server would load the JSP page, providing the form field entries from the HTML page as parameters of the HTTP Request. The JSP Engine which is part of the web server (such as Tomcat) would load the JSP page from disk, provide the parameters in a Request object to the JSP page context and enable the population of a HTML page from JSP that is sent back to the web browser. This is how we see our form field data entered in “prompt_mailing_list_entry.html” displayed back in the next jsp web page “display_mailing_list_entry.jsp”.

http://localhost:8080/qtWebApps/Example1/prompt

Join our Qualitimes Mailing List

In order to join our mailing list, enter your name and email address below. Then, click on the Submit button.

First Name:

Last Name:

Email address:

http://localhost:8080/qtWebApps/Example1/display

Thanks for Joining the Qualitimes Mailing List

Here is the information that you entered:

First Name:	Prabhjot
Last Name:	Bal
Email address:	prabhjots@qualitreeinc.com

To enter another email address, click on the Back button in your browser or the Return button shown below.

JSP in simple terms means the ability to use Java code within HTML in the form of Java scriptlets and expressions. Typically a scriptlet is used to execute one or more Java statements, while an expression is used to display text. To embed these Java constructs in HTML we use special tags known as JSP tags. When these scriptlets or expressions are executed, they have access to certain objects of the runtime system such as the implicit Request object (which in our case above had the parameters passed from another web page). This runtime context is provided by the JSP Engine which is part of a web server such as Apache Tomcat.

[HTML and JSP files for this example can be obtained by email request from qualitimes@qualitreeinc.com.]

Review Notes:

- The Action attribute of a HTML form sets up request for a JSP invocation.
- A JSP page contains HTML and embedded Java code – scriptlets and expression.

Next time we take a step back and refresh ourselves with essential HTML skills.

The launch of Anna's Canteen

Wo Dekho Ek Software Engineer Ja Raha Hai...



Many congratulations to Charanjeet on launch of his first book "Anna's Canteen". The book was launched in Nagpur and Jalandhar and received overwhelming praise from reviews in national newspapers.

Qualitree Bangalore glitters during Diwali celebrations



Wo Dekho Ek Software Engineer Ja Raha Hai,
Zindagi Se Haara Hua Hai, Par BUGS Se Haar Nahi Manta,
Apne APPLICATION Ki Ek Ek Line Jaise Rati Hui Hai,
Par Aaj Kaun Se Rang Ki Shocks Pehani Hai, Ye Nahi Janta,
Din Prati Din Ek EXCEL FILE Banata Ja Raha hai,
Wo Dekho Ek Software Engineer Ja Raha Hai...

Dus Hajar LINES ki CODE Mein ERROR Dhundh Leta Hai Lekin,
Dosto ki Ankho ki Nami Dikhai Nahi Deti,
PC pe Hajaro WINDOWS Khule hai, Par Dil Ki WINDOW
Pe Koi Dustak Sunai Nahi Deti,
SATURDAY-SUNDAY Nahata Nahi ,WEEK DAYS Mein Naha Raha Hai,
Wo Dekho Ek Software Engineer Ja Raha Hai...

CODING Karte Karte Pata Hin Nahi Chala ,
Bugs Ki PRIORITY Kab Maa-Baap Se HIGH Ho Gayi,
Kitabon Mein Gulab Rakhne wala,
CIGARETTE Ki Dhuyan Mein Khoya Ja Raha Hai,
Aur WEEKENDS Pe Daaru Pi Ke Jashn Mana Raha Hai,
Wo Dekho Ek Software Engineer Ja Raha Hai...

Maje Lena Ho To Pucch Lo,
SALARY INCREMENT Ki PARTY Kab De Rahe Ho?
Hansi Udani Ho To Pucch Lo,
ONSITE Kab Ja Rahe Ho?
Wo Dekho ONSITE Se Laute TEAMMATE Ki CHOCOLATE Kha Raha Hai,
Wo Dekho Ek Software Engineer Ja Raha Hai...

Kharche Badh Rahe Hai, Baal Kam Ho Rahe Hai,
Credit ki Date Aati Nahi ,INCOME TAX Ka Khayal Sata Raha Hai,
Lo Phir Se Bus Chhut Gayi, AUTO Se Aa Raha Hai,
Wo Dekho Ek Software Engineer Ja Raha Hai!!!
Wo Dekho Ek Software Engineer Ja Raha Hai!!!

Punches, pulls and bumps!!

- Dec 01 - Jaspreet G.
- Dec 06 - Vinod
- Dec 07 - Shashank
- Dec 08 - Gursimran S.
- Dec 09 - Ritu G.
- Dec 10 - Sunil G.
- Dec 10 - Gurmeet S.
- Dec 16 - Karanpreet
- Dec 20 - Nathan C.
- Dec 30 - Suneel K.

JUMBLE

AATRT



OGDDE



EUMRMH



ANGAIP



USLEX



Participate and win; the first correct entry wins a gift of \$10.00*.
Send in your completed entries to:
jumble_qualitimes@qualitreeinc.com

QUALITREE

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Answers to last month's Jumble:

- UZARD
- MIREN
- OVI
- BOLT
- OPERA

Last Month's Winner:
Devraj K.

Other correct entries:
Rakesh B, Shashank S.

Answers to last month's Word Puzzle:

- HAUGH
- PRIMP
- ARAARA
- MINIM
- HAJJAH

Last month's winner:
Shashank S.

Other correct entries:
Devraj K, Rakesh B.

BUZZ OF THE MONTH

- Tekstrom Limited, Canada successfully signed a re-source augmentation contract with a utility company based out of Toronto in the Ontario province of Canada. Tekstrom is providing performance test automation services on SAP platform. Tekstrom Limited, Canada also inked in a pact to provide software test automation training services.
- Thick talks in progress between Qualitree and a soft phone application provider in Canada for testing their forth coming versions of the applications.
- An existing client, a major financial institution in the United States, shows interest in mobile application testing services.
- Although in the initial stages, strong talks are in progress with a company providing Enterprise level social media applications to test their products.

Word Puzzle

In the following word puzzles, a word starts and ends with the same letter. Figure out the words and win*

1	_ N U R _	
2	_ R E M I T _	
3	_ A T C _	
4	_ U T E A _	
5	_ R I V A N _	

* Send in your entries to "qualitimes@qualitreeinc.com" with the subject "Word Puzzle"
The first correct entry wins a gift of \$10.00