**JUNIT TESTING**

Assert test:

basic value checker. it checks experimental value with real value.

assertEquals(expected, actual ,delta):

delta is the acceptable variance of the actual value from the expected value.

green bar means test pass

red means test failed

AssertNull

simply checks for a null pointer. useful to find un-initialized data structures and any

hang up for null pointer exception.

Timeout:

used to detect the presence of an infinite loop. can save you locking your machine. is easily

implemented in existing or new tests.

**swing application and unit test with window tester**

download windowBuilder.

first of all get the design pallette and get the layout

download eclipse window tester

**NETBEANS TUTORIAL**

[www.myspacegens.com](http://www.myspacegens.com)

excelsiorJET

how to connect JASPER REPORT through java code

before run the jasper report through you need to download and use the library

jasper report library

download and extract the library

how to add jar files using java library

right click project name and go to properties-- open your project folder and create a new folder named lib

java jFreeChart

lunaPic

creating splash screen

copy the image in the same package as well or image package

download splashscreenjar file

copy jar file into splash screen folder and right click build path add to build path

create an object of the JSplash class and pass all the variables value as per program

making button transparent

button.setOpaque(false);

button.setContentAreaFilled(false);

button.setBorderPainted(false);

making maximize button disable

jframe.resizable=false;

jframe.undecorated=true; will remove the title bar from jframe.

to make jframe appear in the centre of the screen

jframe--properties--code--set form size policy to --generate resize code--check only generate centre

lunapic making image transparent

to change the background you must first make your entire background transparent..this is not always simple...

first off..adding contrast to your picture always helps..use a large amount but do not go overboard or your picture will look completely different. if adding contrast hasent made your background white..than don't worry you still have a [slim chance](http://rover.ebay.com/rover/1/711-53200-19255-0/1?toolid=10029&campid=CAMPAIGNID&customid=CUSTOMID&catId=267&type=2&ext=351469051670&item=351469051670).

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"How do i add transparancy to my background"?

Under the 'Edit' Button, the last option will be 'trasnparent' click it

if for some reason your background isn't white..keep using that transparancy button on the background parts you do not want and hopefully things go your way

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Simple Enough?

once you have your picture with a white background.. use that transparency button and use it on the white part of the background. than you will have a pic with a transparent background. ADD IT TO YOUR CLIPBOARD!

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"How do i add an image to clipboard?"

Again the 'Copy Image to clipboard' will be located under the 'Edit' button and will be the third option, click it

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after you have done that upload another picture (the one you want as your background)

MAKE SURE YOU HAVE THIS PICTURE SAVED TO YOUR COMPUTER!

after you've uploaded the 2nd image.

swap image with clipboard.

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"How do i swap image with clipboard"?

Again the 'Swap image with clipboard' will be located under the 'Edit' Button as the fifth option, click it

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okay now you should be back with your origional image right?..right.

look to the left and you should see a bunch of tools. click the [paint bucket tool](http://clicks.pangora.com/purchaseRedirect.do?p=0&c=637413&o=1964805882&che=cGFuZ29yYSHYl2TZaJMQgfwXArCpB2gH&m=108757&rid=5979349568&ver=2.0&market=us&man=&ser=3467&pc=27655700&pcat=78018&dbob=cGFuZ29yYSGsHxo1PSjbRA..&dbobcur=USD&abob=cGFuZ29yYSEjGN_g4rmaig..&abobcur=USD&ts=MjAxNTA4MTYtMjAyNDA4&op=-1.0&dle=cGFuZ29yYSFukH8DrX5tSNfs5PvzUmmOSGXIqdLmjNk3UZmqIm57mTge_Y3PVcnlOU2xXtcKRCi0zWsUU01UFi_EBcbU7dfsoQtsbbCNZh-Qr3a61DXlgOnOJUe-4wYYL-bnQrpYye_dtJVpwxZfw974ER6Zlq7xA15GDUmGdxmQgOFxGaXiX39k77QhwdCSkiw-xalISLGxADfMpFbkb9nvC_78dHRwpbh3KfnPbaB8mGiPnL1eff0Dt3I8mVaykFt__AnuhZsJaUT23IP7d22iuM9cyGQTL5wg1Ak5gOFNU_mHgmHkfugPVLWH1nx8X4EGAn9enGumZMZGU5So6m2TlLLlajpSdsreTcEXefcEopwMuhY2rLj7pc_S1wH20JUA4lF3BRE_WixbzWCQ34qc7LyFe7tWyJU8pUp22rXoFCwTUtXEJ-Qjj78mg4vx4AspAH7DlDc9m52orrmsSVkEc4Az8Z5qQaw95pl3BKZkFXoXUIqX8-po34wfqZZA6ILQlIG_nJhO8LTvyP_YRNGnHpKfrQh5ipyVVPClsq93s_quQrY_pRLXrzQQAf-5JeYttOs66K-ec_3j2DmDP_4nqpjjVPVIhoZG_3Cirgi4_i22ou6b3uPN7qOhi_xwhnCo2JdZ9NfC0nBkL_0chWmYfsbRY4-5uISupx0u3OjJ58K5epJeuw388BPxETglMwp6rEIbPicGCDehEVQo72smHcnBXJ6qbKL2AoBeqlbukr0nYdgAnGeO2mGQ6-FXEmiBb_w4u5gUnYriG_ty_dBClt3bW4pmnLRkEhrH2wP_Viui2A196vUN_j1y90mjo7hDfMbK634.).

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click that box next to the words "Fill pattern" and you should see the option 'Your clipboard' click it

if your still with me...

1st. GO TO EDIT CLIPBOARD IMAGE.

2nd. UPLOAD THE IMAGE YOU WANTED AS YOUR BACKGROUND!

3rd. IF IT WORKED EXIT OUT AND HIGHLIGHT "Your Clipboard"

4th: click on parts of the background "white area" that you want the background to change...do it until you see no more white!....

as youu gradually go on your image should change.

okay..now you click where you want the background to appear..and it should change on its own..

<http://www.online-image-editor.com>

<http://www.java-tips.org/how-to-implement-a-splash-screen-for-an-application.html>

mysql installations

http://carme.cs.trinity.edu/thicks/tutorials/MySQL-Install-Community-Server-5.6/MySQL-Install-5.6.html