

Exp No: 12

write a java program to convert a given number of days in terms of a year week & Day. The output value should verify using white box testing

Aim:-

```
import static org.junit.Assert.*;
import java.util.Scanner;
public class year.
```

```
{
```

```
    public static void main(String args[])
```

```
    {
```

```
        int n, year, week, day;
```

```
        Scanner s = new Scanner(System.in);
```

```
        System.out.print("Enter the no. of days:");
```

```
        n = s.nextInt();
```

```
        year = n / 365;
```

```
        assert True(2 == year);
```

```
        n = n % 365;
```

```
        System.out.println("No. of years: " + year);
```

```
        week = n / 7;
```

```
        n = n % 7;
```

```
        System.out.println("No. of weeks: " + week);
```

```
        day = n;
```

```
        System.out.println("No. of days: " + day);
```

```
}
```

Find the factorial of n ? The output value should verify using white box testing?

Aim:

```
import static org.junit.Assert
    True;
```

```
import java.util.Scanner;
class factial
```

```
{
    public static void main(String[] args)
```

```
{
    int i, pr=1
```

```
{
    try?
```

```
Scanner s=new Scanner(System.in)
```

```
System.out.println("Enter the no. of
    find the factorial);
```

```
int n=s.nextInt();
```

```
if (n <= 0)
```

```
{
```

```
System.out.println("1");
```

```
}
```

```
else
```

```
{
    for (i=n; i>0; i--)
```

```
{
```

```
pr=pr*i;
```

```
}
```

```
System.out.println("The answer is: "+pr
```

```
assert True (120==pr);
```



```

    }
    catch (Exception e)
    {
        System.out.println("Invalid");
    }
}
}
}

```

Ex 20:19

find the year of the given date is leap year or not. The output should verify using white box
Aim:- To find the year of the given date is leap year or not and the result is verified.

(import whitebox testing).
 import static org.junit.Assert.*;
 import java.util.Scanner;
 class leapyear
 {

public static void main(String[] args)
 {

int i=0;

System.out.println("Enter the date
 month/year");

```

Scanner s = new Scanner(System.in);
String re = s.next();
String[] r = re.split("/", 3);
int x = Integer.parseInt(r[2]);
assert True(x == 200);
if (x % 4 == 0)
{
    System.out.println("It is a leap year");
}
else {
    System.out.println("It is not a leap year");
}
}
}
}

```

Exp 20;

Write a program to find the square cube of the given decimal number. The output value should verify white box testing

Aim:- To write a program to find the square, cube of the given decimal number the output value should verify using white box testing.


```
import static void main(String[] args)
```

```
{
```

```
try {
```

```
Scanner S = new Scanner(System.in);
```

```
System.out.println("Enter an number");
```

```
double out.println("enter an num");
```

```
double a=0; b=0;
```

```
a=n*n;
```

```
b=n*n*n;
```

```
System.out.println("The square of num="+a);
```

```
System.out.println("The square of num="+b);
```

```
{
```

```
catch (Exception e)
```

```
{
```

```
System.out.print("Invalid");
```

```
}
```

```
}
```

```
assert True (expected output=a);
```

```
assert True (expected output=b);
```

```
}
```

Exp NO: 21

Write a selenium program for automation and open a chrome browser with google.com.

Aim:- To write selenium program for automation and open a chrome browser with website "google.com".

Program:-

package name;

import org.openqa.selenium.By;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.WebElement;

import org.openqa.selenium.chrome.ChromeDriver;

public class Chrome?

public static void main(String[] args)

System.setProperty("webdriver.chrome.driver", "C:\\chromedriver-win32\\exe");

WebDriver driver = new ChromeDriver();

driver.manage().window().max();

driver.get("https://www.google.com/");

}

}

Exp: 22

Write a program for automation and
open a Mozilla browser with Google
.com.

```
import org.openqa.selenium.WebDriver  
import org.openqa.selenium.firefox
```

```
public class SeleniumExample {
```

```
    public static void main(String[] args) {
```

```
        WebDriver driver = new FirefoxDriver();
```

```
        driver.get("http://www.google.com");
```

```
        driver.quit();
```

```
    }
```

```
}
```

Exp. 23

Selenium
in ARMS
Chrome.

program to Automate login
portal with the help of

```
import org.openqa.selenium.By;
```

```
import org.openqa.selenium.WebDriver;
```

```
import org.openqa.selenium.WebElement;
```

```
import org.openqa.selenium.ChromeDriver;
```

```

public class loginPage {
    public static void main(String[] args) {
        System.out.println("hai");
        System.setProperty("webdriver.chrome.
driver", "C:\\selenium\\chromedriver-win32\\
chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("http://arms.caretechs.com");
        System.out.println(username);
        WebElement password = driver.findElement
        (By.id("password"));
        System.out.println(btnlogin);
        System.out.print(login);
        username.sendKeys("xxxxxx");
        password.sendKeys("xxxxxx");
        login.click();
    }
}

```


Exp No: 24

Selenium program Automate
in github portal with the help
of Chrome browser.

```
import org.openqa.selenium.WebDriver;  
import org.openqa.selenium.Chrome.  
ChromeDriver;
```

```
public class selenium example {  
    public static void main (String[] args) {  
        System.setProperty("webdriver.  
chrome.driver", "Path to (Chrome).  
web driver driver new ChromeDriver();  
driver.get("https://github.com");  
driver.quit();  
    }  
}
```

Exp No. 25

Write a selenium program Automate login in Swiggy Portal with the help of chrome browser.

Package Proj.

```
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
```

```
public class LoginPage {
    public static void main(String[] args) {
```

```
        WebDriver driver = new ChromeDriver();
        System.setProperty("webdriver.chrome.driver", "C:\\chromedriver");
        driver.get("https://www.swiggy.com/?utm_source=google_uwxy7AB60?&c=BED");
```

```
        WebElement textBox = driver.findElement(By.className("textBox"));
        textBox.click();
```

```
    }
```

```
}
```