Core java Questions

1. Write a program to print below pattern

1

1 2

1 2 3

1 2 3 4

1 2 3 4 5 Import java.io.\*;

Public class Triangle

Public static void main(String[] args){

For(int i=0;i<6;i++){

For(int j=2\*(6-I);j>=0;j--);

{

system.out.print(“ “);

}

For(int k=0;k<=I;k++)

{

System.out.print(“k “);

}

System.out.println();

}

}

}

2. Write a program to count the number of occurence of characters in String

Public class Countcharacters

{

Public static void main(String args[]){

String Name=””;

Scanner s=new Scanner(System.in);

Name=s.nextLine();

HashMap<Character,Integer>map=new HashMap<Character,Integer>();

For(int i=0;i<=Name.length();i++0)

{

Char ch=Name.charAt(i);

If(map.containsKey(ch)){

Int Count=map.get(ch);

map.put(ch,Count+1);

}else{

map.put(ch,1);

}

}

System.out.println(Map);

}

}

5. Write a Program to print check whether String is palindrome or not : Public class Palindrome{

Public static void main(String args[]){

String Name,reverse=””;

Scanner s=new Scanner(System.in);

Name=s.nextLine();

Int length=Name.length();

For(int i=length-1;i>=0;i--)

{

Reverse=reverse+Name.charAt(i);

}

If(Name.equals(reverse)){

System.out.println(“palindrome”);

}

Else

{

System.out.println(“not palindrome”);

}

}

4. Write a program to Find the second largest number in Integer Array :

Int Array[] = { 9,3,6,1,7 }

Output --> 7 Public class SecondLargest{

Public static void main(String[] args){

Int arr[]={ 9,3,6,1,7 };

Int largest=arr[0];

Int secondLargest=arr[0];

For(int i=0;i<arr.length;i++){

System.out.println(arr[i]+”\t”);

}

For(int j=0;j<arr.length;i++){

If(arr[i]>largest){

secondLargest=largest;

largest=arr[i];

}

else if(arr[i]>secondLargest){

secondLargest=arr[i];

}

}

System.out.println(“secondlargest numbers is”+secondLargest);

}

}

}

Selenium Questions :

1. Write the Automation Scripts for Handling the multiple windows .

webDriver driver=new ChromeDriver();

driver.get(<http://www.naukari.com/>);

String parent=driver.getWindowHandle();

Set<String> s1=driver.getWindowHandles();

Iteratoer<String>i1=s1.iterator();

While(i1.hasnext())

{

String child\_window=i1.next();

If(!parent.equals(child\_window)

{driver.switchTo().window(child\_window);

Driver.close();

}

Driver.switchTo().window(parent);

1. What is the difference between Explicit , implicit wait and fluent wait.

Implicit Wait: driver.manage().timeouts().implicitlyWait(TimeOut,TimeUnit.SECONDS);

It will applicable to all elements in the code

If it fails timeOutException will get

Explicit Wait:WebDriverWait wait=new WebDriverWait(webDriverRefrence,TimeOut);

It will be applicable for the condition which given by us.

If it fails we will get noSuchElementFound Exception will get

1. Write the Automation Scripts for showing the mouse events interaction with application

Action action=new Action(driver);

Action mouseover=action.moveToElement(link\_home).build();

mouseover.perform();

1. Write the automation scripts for taking screen shot in selenium .

TakeScreenShot scrShot=(( TakeScreenShot)webdriver);

File srcFile=scrShot.getScreenshotAs(outputType.FILE);

Manual Testing Questions :

5.Explain smoke testing and when it will be performed.

Smoke testing is a process where the software build is deployed to QA environment and is verified to ensure the stability of the application.

Also called Build verification testing

2. Write the Login and logout scenario’s

Login

a. Verify if a user will be able to login with a valid Username and valid password.

B. verify if a user cannot login with a valid username and password.

c. verify the login page for both, when the field is blank and submit button is clicked.

d. verify the Forgot Password” functionality.

e. verify the messages for invalid login.

f. verfy the Remember me functionality.

g. verify if the data in password field is either visible as asterisk or bullet signs.

h. verify is a user is able to login with new password only after changed the password

Logout

a. verify the logout link or button easy to use after successfully login in click on profile icon to check logout button is visible or not.

b. verify by click on sign out button without internet connection and reconnect to internet check its properly logout or not

c. verify by click on logout button ,after successfully logout on login screen press back button

d. verify is the link or button for logout accessible for all users