

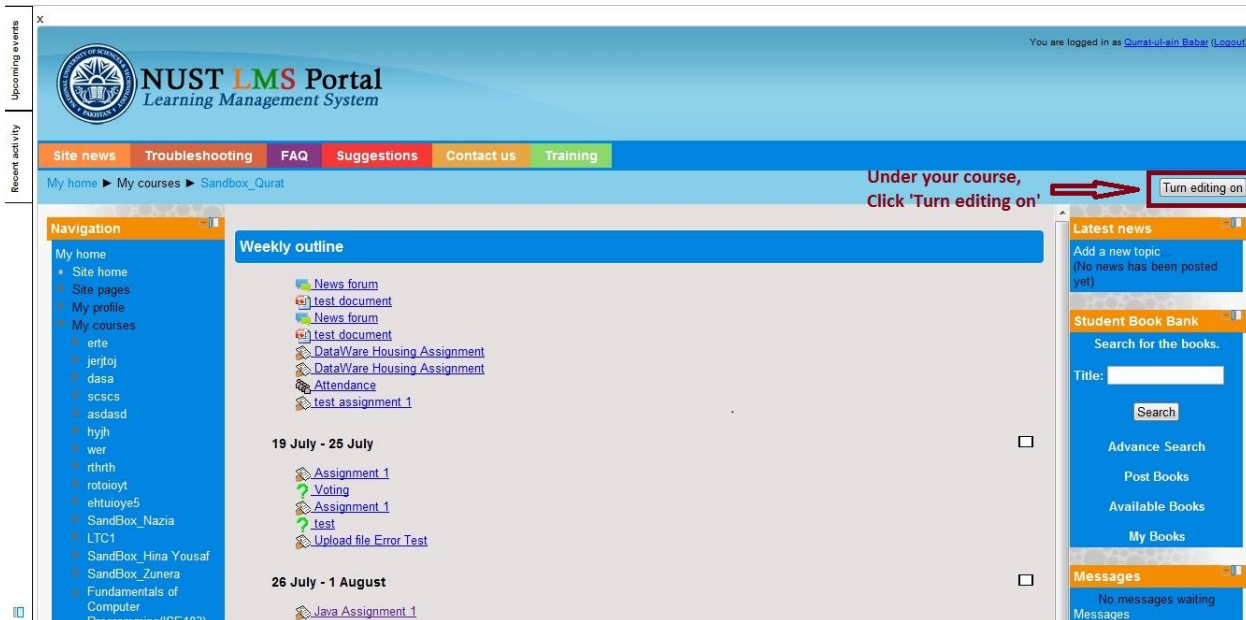
2012

Plagiarism Detection using JPlag

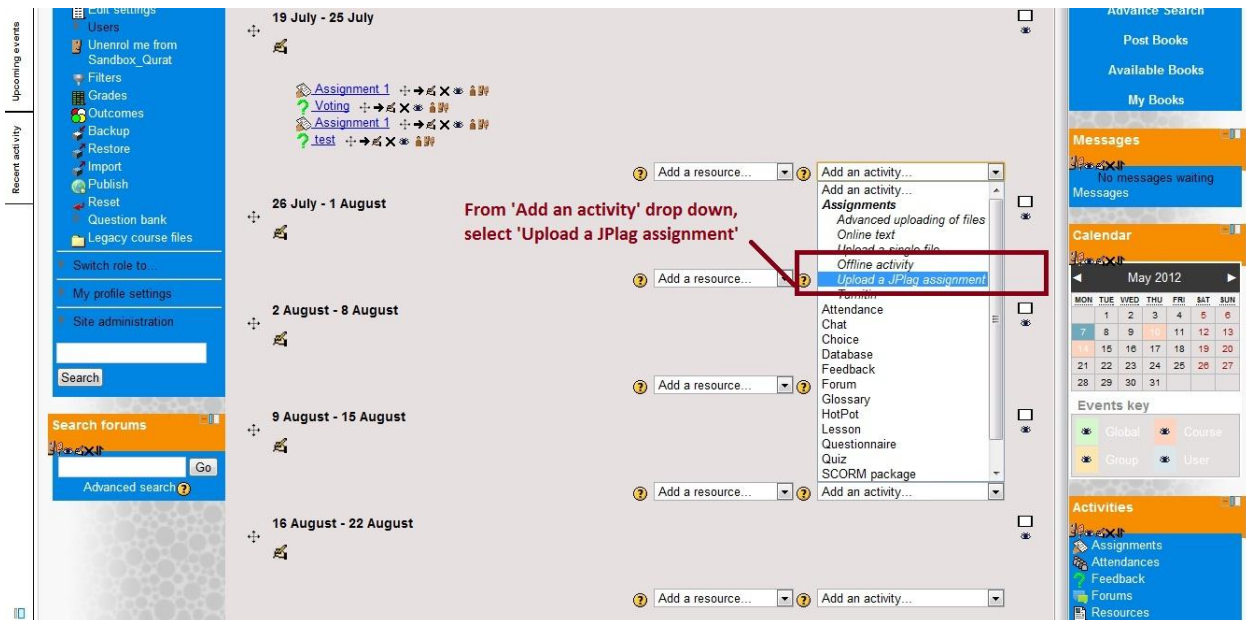


Creating JPlag Assignment:

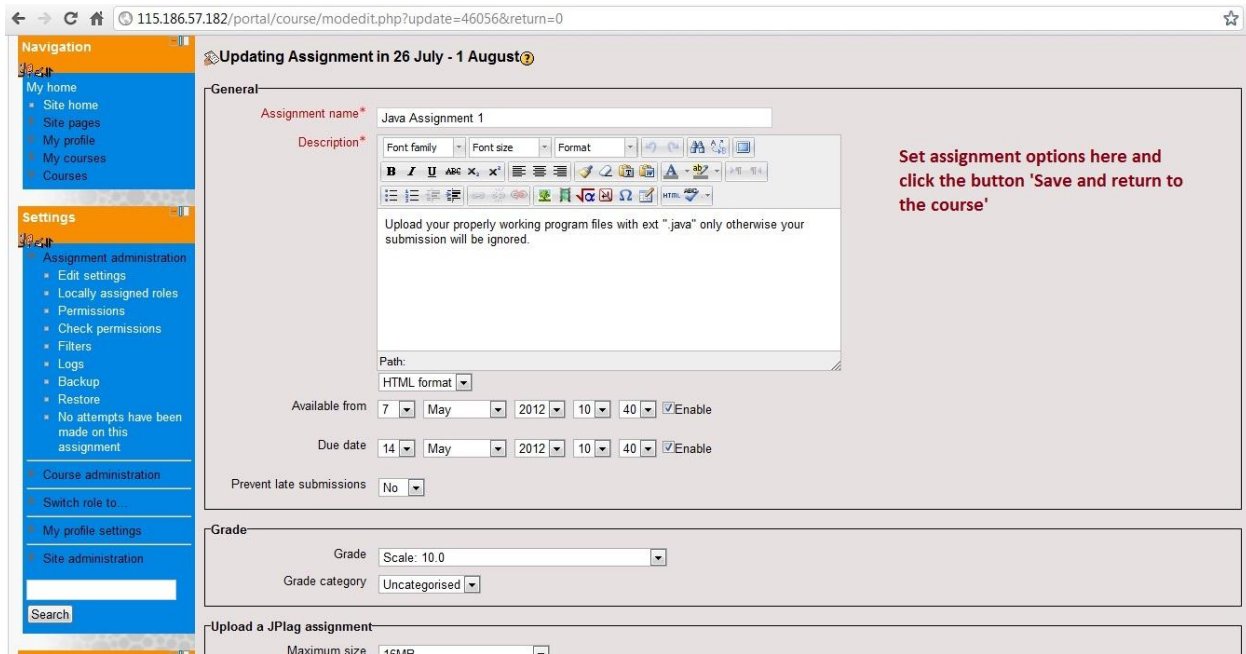
1. Select the course on your main home page, in which you want to upload JPlag Assignment
2. Click "Turn editing on" button on the top right corner of the window.



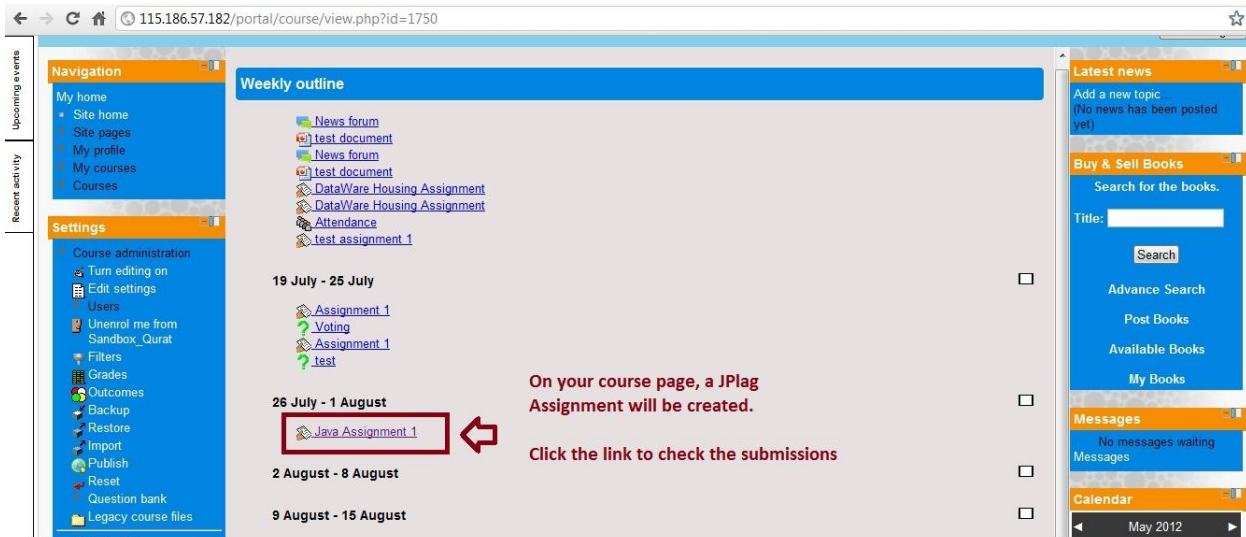
3. From the list of Add an Activity, under Assignments, select "Upload a JPlag assignment".



- This will redirect you to the assignment creation page for JPlag. Set the assignment options here and click **“Save and return to the course”**.



- On your course page, JPlag assignment will be created. Click on the link to view the submissions.



Originality Report:

1. On the assignment submission page, click the **“View x submitted assignments”** (where x is the number of assignments submitted).

115.186.57.182/portal/mod/assignment/view.php?id=46056

NUST LMS Portal
Learning Management System

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- Check permissions

Upload your properly working program files with ext ".java" only otherwise your submission will be ignored.

Available from: Monday, 7 May 2012, 10:40 AM
Due date: Monday, 14 May 2012, 10:40 AM

Submission draft

No files submitted yet
[Upload files](#)

Final submission for assignment marking

[Send for marking](#)

[View 4 submitted assignments](#)

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Click the link "View x submitted assignments" where x = number of submissions

This will redirect you to the page where you can view the student submissions.

2. Click the button **“JPlag Submission”** to submit the assignment to JPlag web service.

115.186.57.182/portal/mod/assignment/submissions.php?id=46056

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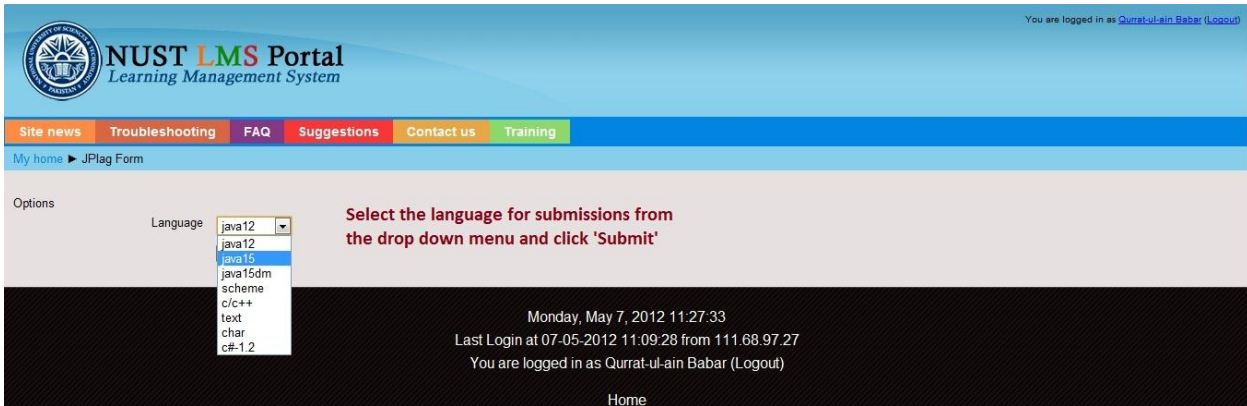
[See all course grades](#)

Click the button 'JPlag Submission' → [JPlag Submission](#)

First name : All [A](#)[B](#)[C](#)[D](#)[E](#)[F](#)[G](#)[H](#)[I](#)[J](#)[K](#)[L](#)[M](#)[N](#)[O](#)[P](#)[Q](#)[R](#)[S](#)[T](#)[U](#)[V](#)[W](#)[X](#)[Y](#)[Z](#)
Surname : All [A](#)[B](#)[C](#)[D](#)[E](#)[F](#)[G](#)[H](#)[I](#)[J](#)[K](#)[L](#)[M](#)[N](#)[O](#)[P](#)[Q](#)[R](#)[S](#)[T](#)[U](#)[V](#)[W](#)[X](#)[Y](#)[Z](#)
Page: 1 2 (Next)

<input type="checkbox"/>	First name / Surname	Grade	Comment	Last modified (Submission)	Last modified (Grade)	Status	Final grade
<input type="checkbox"/>	Zaeem Ahmed Abbasi	-		Draft: 1.java Monday, 7 May 2012, 11:06 AM		Grade	-
<input type="checkbox"/>	Nawab Ali	-		2.java 3.java Monday, 7 May 2012, 11:07 AM		Grade	-
<input type="checkbox"/>	Hassan Ali	-		4.java Monday, 7 May 2012, 11:09 AM		Grade	-
<input type="checkbox"/>	Sameen Arshad	-		2.java 4.java Monday, 7 May 2012, 11:11 AM		Grade	-
<input type="checkbox"/>	umair farooqi	-				Grade	-
<input type="checkbox"/>	Syed Zafar-ul-Hussan Gilani	-				Grade	-
<input type="checkbox"/>	Ahmad Ali gul	-				Grade	-
<input type="checkbox"/>	Kamran Hamid	-				Grade	-

3. Select the language from drop down menu for which the submissions will be accepted and click the **“Submit”** button.



4. After some processing, a link will appear. Click the link **“View Result”** to view the plagiarism report.



Your results will be shown in the separate window in the following form.



5. In order to view the matches in the submission files, click the link as shown below:



Matches sorted by average similarity (What is this?):

Sameen_Arshad_2.java	->	Nawab_Ali_2.java (100.0%)	Nawab_Ali_3.java (8.4%)	Zaeem Ahmed Abbasi_1.java (1.9%)	Click the link to view the matches among the submissions
Nawab_Ali_3.java	->	Zaeem Ahmed Abbasi_1.java (17.5%)	Nawab_Ali_2.java (8.4%)		
Zaeem Ahmed Abbasi_1.java	->	Nawab_Ali_2.java (1.9%)			

Matches sorted by maximum similarity (What is this?):

Sameen_Arshad_2.java	->	Nawab_Ali_2.java (100.0%)	Nawab_Ali_3.java (14.0%)	Zaeem Ahmed Abbasi_1.java (6.0%)
Nawab_Ali_3.java	->	Zaeem Ahmed Abbasi_1.java (27.0%)	Nawab_Ali_2.java (14.0%)	
Zaeem Ahmed Abbasi_1.java	->	Nawab_Ali_2.java (6.0%)		

JPlag2.11.6

6. The plagiarism detection between two files will be displayed as shown below.

Matches for Zaeem Ahmed Abbasi_1.java & Nawab_Ali_3.java

17.5%

File 1 (Line Range)	File 2 (Line Range)	Match Count
Zaeem Ahmed Abbasi_1.java(174-182)	Nawab_Ali_3.java(454-469)	13
Zaeem Ahmed Abbasi_1.java(228-232)	Nawab_Ali_3.java(258-261)	8
Zaeem Ahmed Abbasi_1.java(461-465)	Nawab_Ali_3.java(59-63)	9
Zaeem Ahmed Abbasi_1.java(491-497)	Nawab_Ali_3.java(123-142)	12
Zaeem Ahmed Abbasi_1.java(506-511)	Nawab_Ali_3.java(24-32)	10
Zaeem Ahmed Abbasi_1.java(516-520)	Nawab_Ali_3.java(247-251)	10

Corresponding matches in the files are mentioned here

Click this arrow mark to view the corresponding matches

The matching code is color coded for plagiarism detection

```

public String decryption(String enc)
{
    String curr="";
    String decr="";
    for(int i=0;i<enc.length();i++)
    {
        curr=curr+enc.charAt(i);
        int value=searchcode(curr);
        if(value!=-1)
        {
            decr=decr+alphabets[value];
            curr="";
        }
    }
    return decr;
}

public int search(char av)
{
    return output_stream;
}

//#####This Method Decompress the String using the encoding scheme last used##
//#####
public static String decompress(String output_stream,String[] codeword,char[] c)
{
    String decomp_string="";
    String comp="";

    for(int i=0;i<output_stream.length();i++)
    {
        comp=comp+output_stream.charAt(i);
        for(int j=0;j<codeword.length;j++)
        {
            if(comp.equals(codeword[j]))
            {
                decomp_string=decomp_string+charuse[j];
                comp="";
                break;
            }
        }
    }
}
    
```