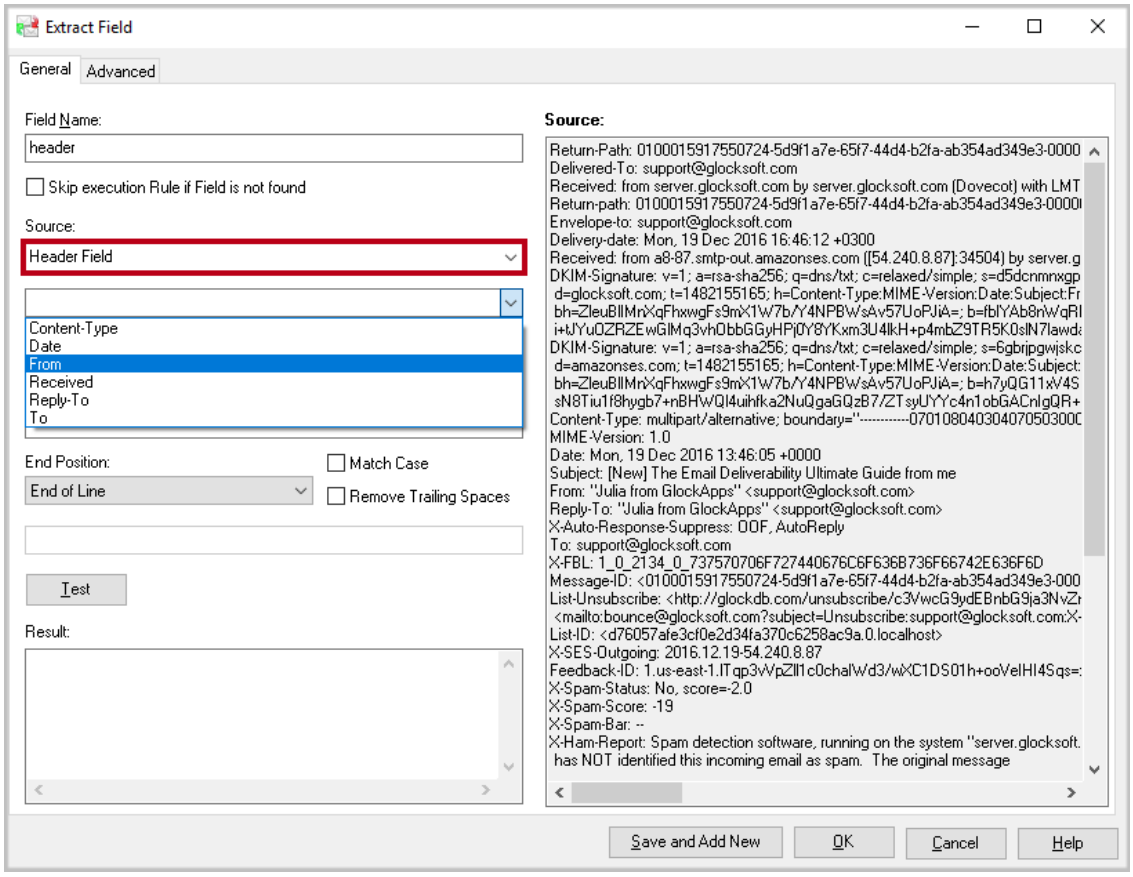
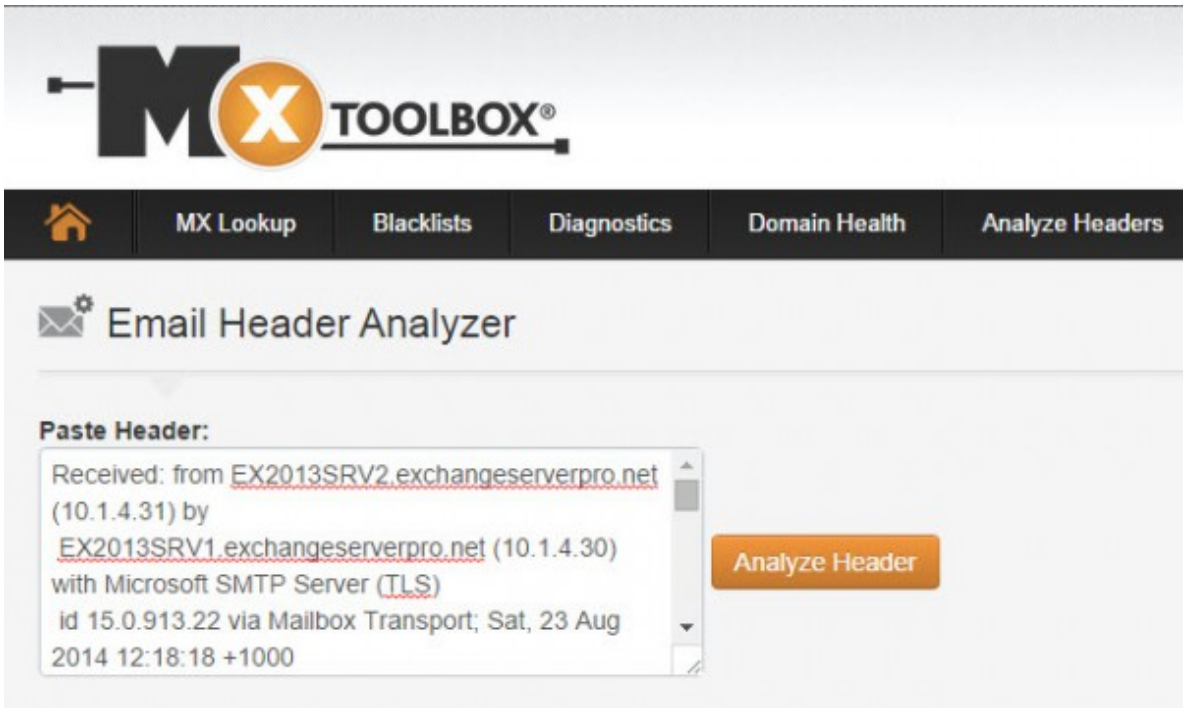
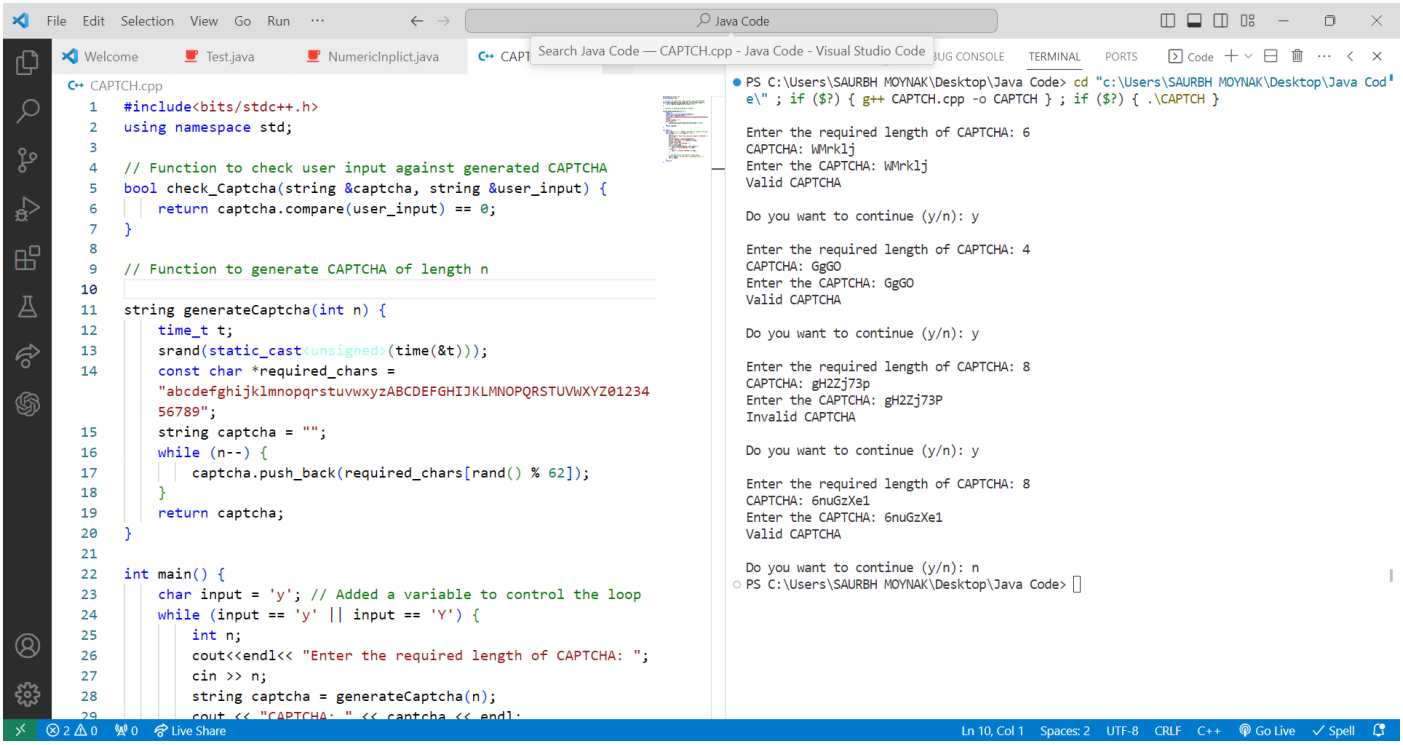

Extract Field
General
Advanced
Field Name:
header
Skip execution Rule if Field is not found
Source:
Header Field
Content-Type
Date
From
Received
Reply-To
To
End Position:
End of Line
Match Case
Remove Trailing Spaces
Test
Result:
Source:
Return-Path: 0100015917550724-5d9f1a7e-65f7-44d4-b2fa-ab354ad349e3-0000
Delivered-To: support@glocksoft.com
Received: from server.glocksoft.com by server.glocksoft.com (Dovecot) with LMT
Return-path: 0100015917550724-5d9f1a7e-65f7-44d4-b2fa-ab354ad349e3-0000
Envelope-to: support@glocksoft.com
Delivery-date: Mon, 19 Dec 2016 16:46:12 +0300
Received: from a8-87.smtp-out.amazonses.com ([54.240.8.87]:34504) by server.g
DKIM-Signature: v=1; a=rsa-sha256; q=dns/txt; c=relaxed/simple; s=d5dcnmnxgp
d=glocksoft.com; t=1482155165; h=Content-Type:MIME-Version:Date:Subject:Fr
bh=ZleuBllMnXqFhxwgFs9mX1W7b/Y4NPBWsAv57UoPJiA=; b=fblYAb8nWqRI
i+tJYuOZRZEwGlMq3vhObbGGyHPj0Y8YKxm3U4lkH+p4mbZ9TR5K0slN7lawd
DKIM-Signature: v=1; a=rsa-sha256; q=dns/txt; c=relaxed/simple; s=6gbrjpgwjskc
d=amazonses.com; t=1482155165; h=Content-Type:MIME-Version:Date:Subject:
bh=ZleuBllMnXqFhxwgFs9mX1W7b/Y4NPBWsAv57UoPJiA=; b=h7yQG11xV4S
sN8Tiu1f8hygb7+nBHWQl4uihfka2NuQgaGQzB7/ZTsyUYYc4n1obGACnlgQR+
Content-Type: multipart/alternative; boundary="----------070108040304070503000
MIME-Version: 1.0
Date: Mon, 19 Dec 2016 13:46:05 +0000
Subject: [New] The Email Deliverability Ultimate Guide from me
From: "Julia from GlockApps" <support@glocksoft.com>
Reply-To: "Julia from GlockApps" <support@glocksoft.com>
X-Auto-Response-Suppress: OOF, AutoReply
To: support@glocksoft.com
X-FBL: 1_0_2134_0_737570706F727440676C6F636B736F66742E636F6D
Message-ID: <0100015917550724-5d9f1a7e-65f7-44d4-b2fa-ab354ad349e3-000
List-Unsubscribe: <http://glockdb.com/unsubscribe/c3VwcG9ydEBnbG9ja3NvZr
<mailto:bounce@glocksoft.com?subject=Unsubscribe:support@glocksoft.com:X-
List-ID: <d76057afe3cf0e2d34fa370c6258ac9a.0.localhost>
X-SES-Outgoing: 2016.12.19-54.240.8.87
Feedback-ID: 1.us-east-1.ITqp3vVpZll1c0chalWd3/wXC1DS01h+ooVelHI4Sqs=
X-Spam-Status: No, score=-2.0
X-Spam-Score: -19
X-Spam-Bar: --
X-Ham-Report: Spam detection software, running on the system "server.glocksoft.
has NOT identified this incoming email as spam. The original message
Save and Add New
OK
Cancel
Help


MX TOOLBOX®
MX Lookup
Blacklists
Diagnostics
Domain Health
Analyze Headers
Email Header Analyzer
Paste Header:
Received: from EX2013SRV2.exchangeserverpro.net (10.1.4.31) by EX2013SRV1.exchangeserverpro.net (10.1.4.30) with Microsoft SMTP Server (TLS) id 15.0.913.22 via Mailbox Transport; Sat, 23 Aug 2014 12:18:18 +1000
Analyze Header

Assignment 2 :

```
#include<bits/stdc++.h>

using namespace std;

// Function to check user input against generated CAPTCHA
bool check_Captcha(string &captcha, string &user_input) {
    return captcha.compare(user_input) == 0;
}

// Function to generate CAPTCHA of length n

string generateCaptcha(int n) {
    time_t t;
    srand(static_cast<unsigned>(time(&t)));
    const char *required_chars =
"abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ0123456789";
    string captcha = "";
    while (n--) {
        captcha.push_back(required_chars[rand() % 62]);
    }
    return captcha;
}

int main() {
    char input = 'y'; // Added a variable to control the loop
    while (input == 'y' || input == 'Y') {
        int n;
        cout<<endl<< "Enter the required length of CAPTCHA: ";
        cin >> n;
        string captcha = generateCaptcha(n);
        cout << "CAPTCHA: " << captcha << endl;
        string user_input;
        cout<< "Enter the CAPTCHA: ";
        cin >> user_input;
        if (check_Captcha(captcha, user_input)) {
            cout << "Valid CAPTCHA" << endl;
        } else {
            cout << "Invalid CAPTCHA" << endl;
        }

        // Ask the user if they want to Continue
        cout <<endl<< "Do you want to continue (y/n): ";
        cin >> input;
    }
    return 0;
}
```

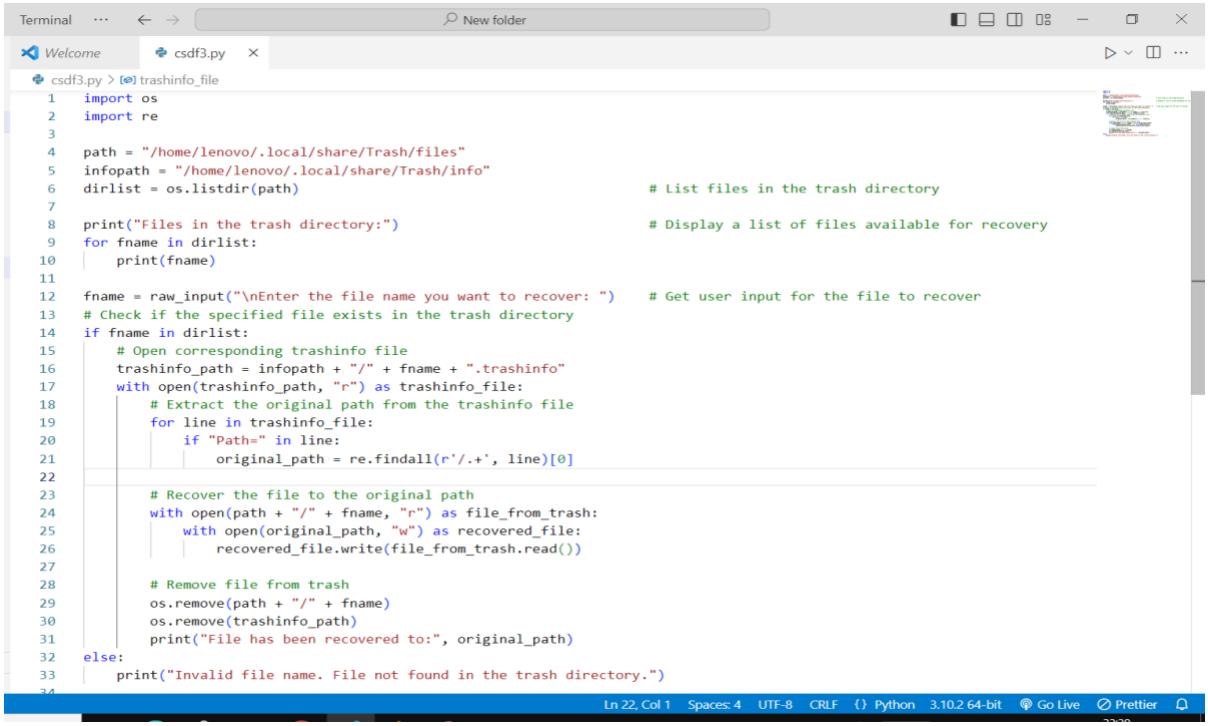
Output:


File Edit Selection View Go Run ···
Java Code
Search Java Code — CAPTCH.cpp - Java Code - Visual Studio Code
Welcome
Test.java
NumericInplict.java
CAPTCH.cpp
CAPTCH.cpp
#include<bits/stdc++.h>
using namespace std;
// Function to check user input against generated CAPTCHA
bool check_Captcha(string &captcha, string &user_input) {
return captcha.compare(user_input) == 0;
}
// Function to generate CAPTCHA of length n
string generateCaptcha(int n) {
time_t t;
srand(static_cast<unsigned>(time(&t)));
const char *required_chars =
"abcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ01234
56789";
string captcha = "";
while (n--) {
captcha.push_back(required_chars[rand() % 62]);
}
return captcha;
}
int main() {
char input = 'y'; // Added a variable to control the loop
while (input == 'y' || input == 'Y') {
int n;
cout<<endl<< "Enter the required length of CAPTCHA: ";
cin >> n;
string captcha = generateCaptcha(n);
TERMINAL
PS C:\Users\SAURBH MOYNAK\Desktop\Java Code> cd "c:\Users\SAURBH MOYNAK\Desktop\Java Code'
e\" ; if ($?) { g++ CAPTCH.cpp -o CAPTCH } ; if ($?) { .\CAPTCH }
Enter the required length of CAPTCHA: 6
CAPTCHA: WMrklj
Enter the CAPTCHA: WMrklj
Valid CAPTCHA
Do you want to continue (y/n): y
Enter the required length of CAPTCHA: 4
CAPTCHA: GgGO
Enter the CAPTCHA: GgGO
Valid CAPTCHA
Do you want to continue (y/n): y
Enter the required length of CAPTCHA: 8
CAPTCHA: gH2Zj73p
Enter the CAPTCHA: gH2Zj73P
Invalid CAPTCHA
Do you want to continue (y/n): y
Enter the required length of CAPTCHA: 8
CAPTCHA: 6nuGzXe1
Enter the CAPTCHA: 6nuGzXe1
Valid CAPTCHA
Do you want to continue (y/n): n
PS C:\Users\SAURBH MOYNAK\Desktop\Java Code>
Live Share
Ln 10, Col 1
Spaces: 2
UTF-8
CRLF
C++
Go Live
Spell

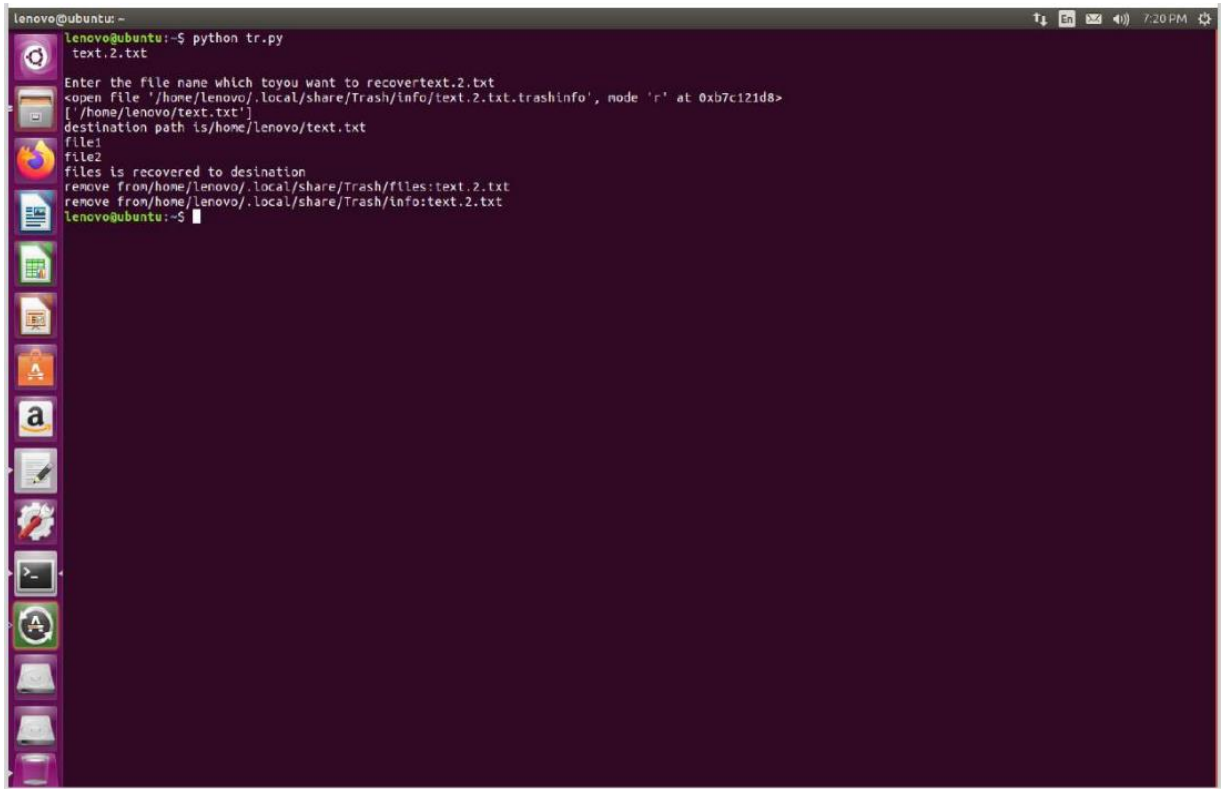
Assignment 3:

```
import os
# Define the path to the disk or drive from which you want to recover deleted files
disk_path = '/dev/sdX'  # Replace with the actual disk path on your system
# Define a directory where recovered files will be saved
output_directory = 'recovered_files'
# Create the output directory if it doesn't exist
if not os.path.exists(output_directory):
    os.makedirs(output_directory)
# Use the 'dd' command to create a disk image for analysis
os.system(f'dd if={disk_path} of=disk_image.img bs=512')
# Analyze the disk image for deleted files
with open('disk_image.img', 'rb') as disk_image:
    while True:
        # Read data in 512-byte blocks (typical sector size)
        data = disk_image.read(512)
        if not data:
            break
        # Check for file headers or markers that indicate the start of a file
        if b'FILE_START_MARKER' in data:
            # Extract and recover the file
            start = data.find(b'FILE_START_MARKER')
            end = data.find(b'FILE_END_MARKER')
            if start != -1 and end != -1:
                recovered_data = data[start:end + len(b'FILE_END_MARKER')]
                filename =
f'{output_directory}/recovered_file_{len(os.listdir(output_directory))}.dat'
                with open(filename, 'wb') as recovered_file:
                    recovered_file.write(recovered_data)
# Close and remove the disk image file
os.remove('disk_image.img')

print("Recovery process complete. Check the 'recovered_files' directory for the recovered
files.")
```

Assignment No. 3



```python
import os
import re

path = "/home/lenovo/.local/share/Trash/files"
infopath = "/home/lenovo/.local/share/Trash/info"
dirlist = os.listdir(path)                                  # List files in the trash directory

print("Files in the trash directory:")                      # Display a list of files available for recovery
for fname in dirlist:
    print(fname)

fname = raw_input("\nEnter the file name you want to recover: ")    # Get user input for the file to recover
# Check if the specified file exists in the trash directory
if fname in dirlist:
    # Open corresponding trashinfo file
    trashinfo_path = infopath + "/" + fname + ".trashinfo"
    with open(trashinfo_path, "r") as trashinfo_file:
        # Extract the original path from the trashinfo file
        for line in trashinfo_file:
            if "Path=" in line:
                original_path = re.findall(r'/.+', line)[0]

        # Recover the file to the original path
        with open(path + "/" + fname, "r") as file_from_trash:
            with open(original_path, "w") as recovered_file:
                recovered_file.write(file_from_trash.read())

        # Remove file from trash
        os.remove(path + "/" + fname)
        os.remove(trashinfo_path)
        print("File has been recovered to:", original_path)
else:
    print("Invalid file name. File not found in the trash directory.")
```



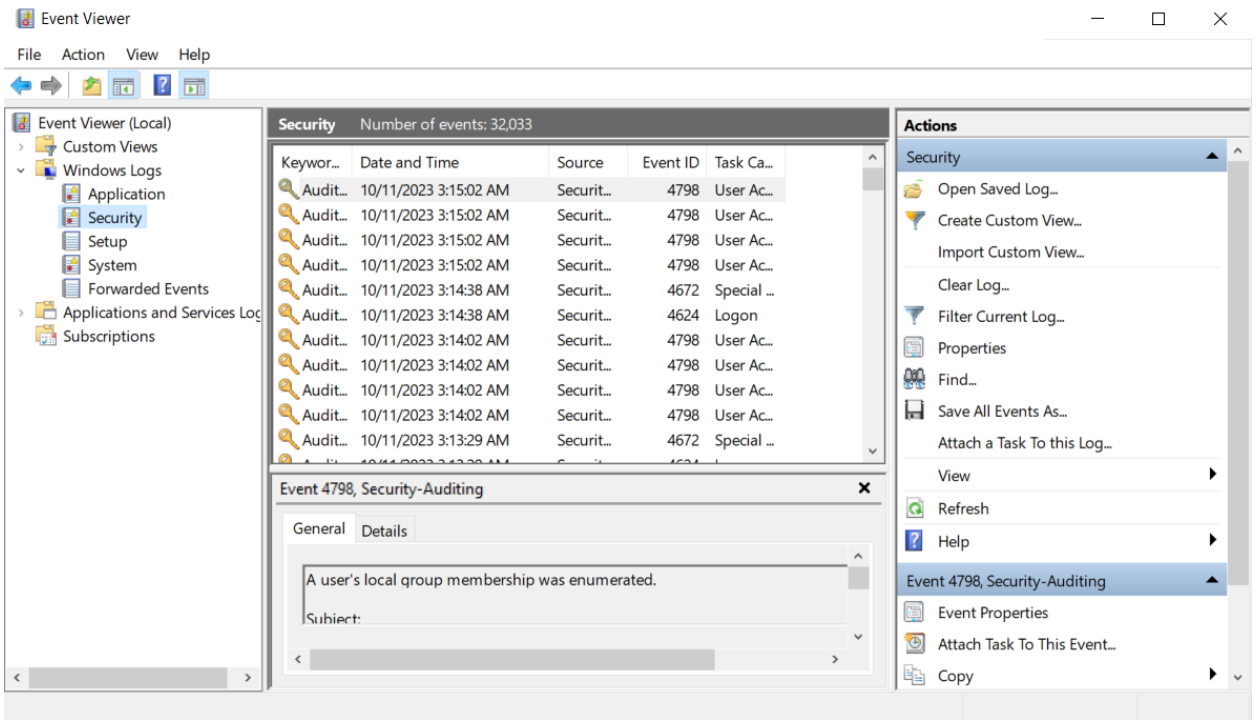
```
lenovo@ubuntu:~$ python tr.py
 text.2.txt

Enter the file name which toyou want to recovertext.2.txt
<open file '/home/lenovo/.local/share/Trash/info/text.2.txt.trashinfo', mode 'r' at 0xb7c121d8>
['/home/lenovo/text.txt']
destination path is/home/lenovo/text.txt
file1
file2
files is recovered to desination
remove from/home/lenovo/.local/share/Trash/files:text.2.txt
remove from/home/lenovo/.local/share/Trash/info:text.2.txt
lenovo@ubuntu:~$
```

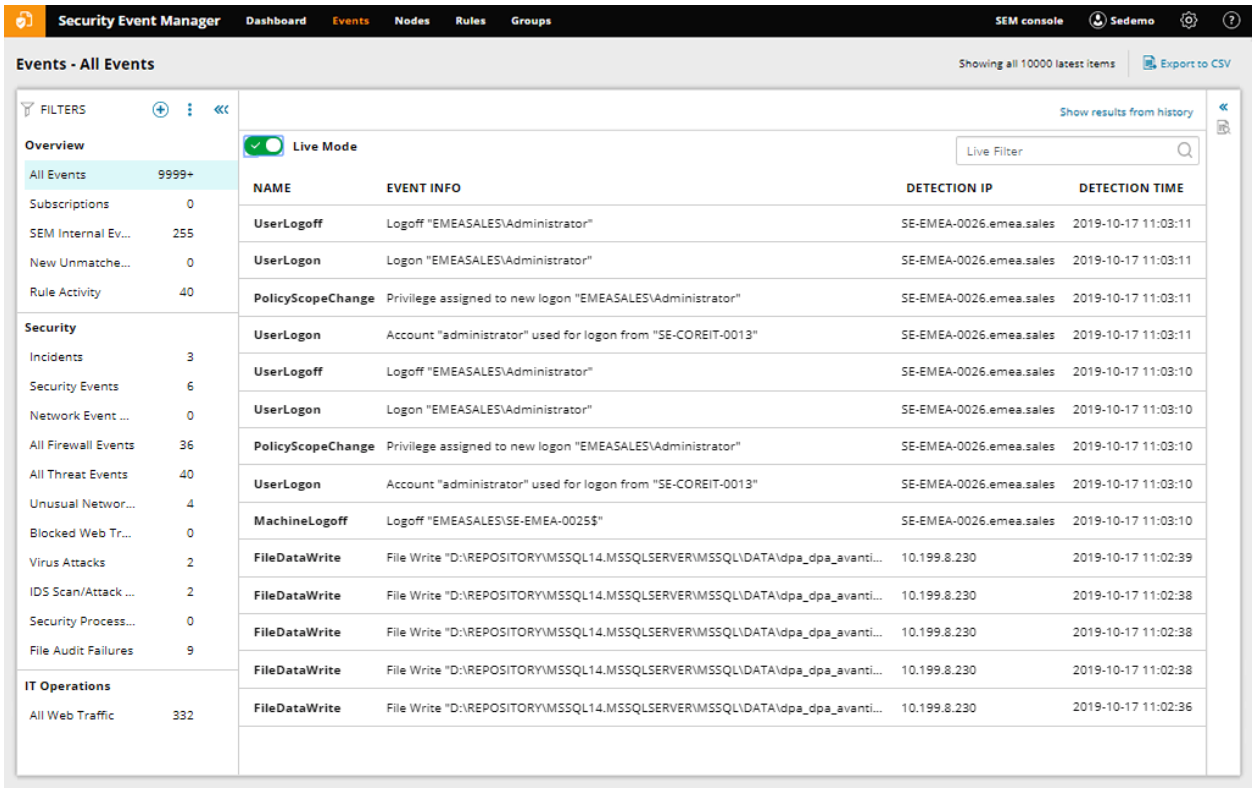
Code :

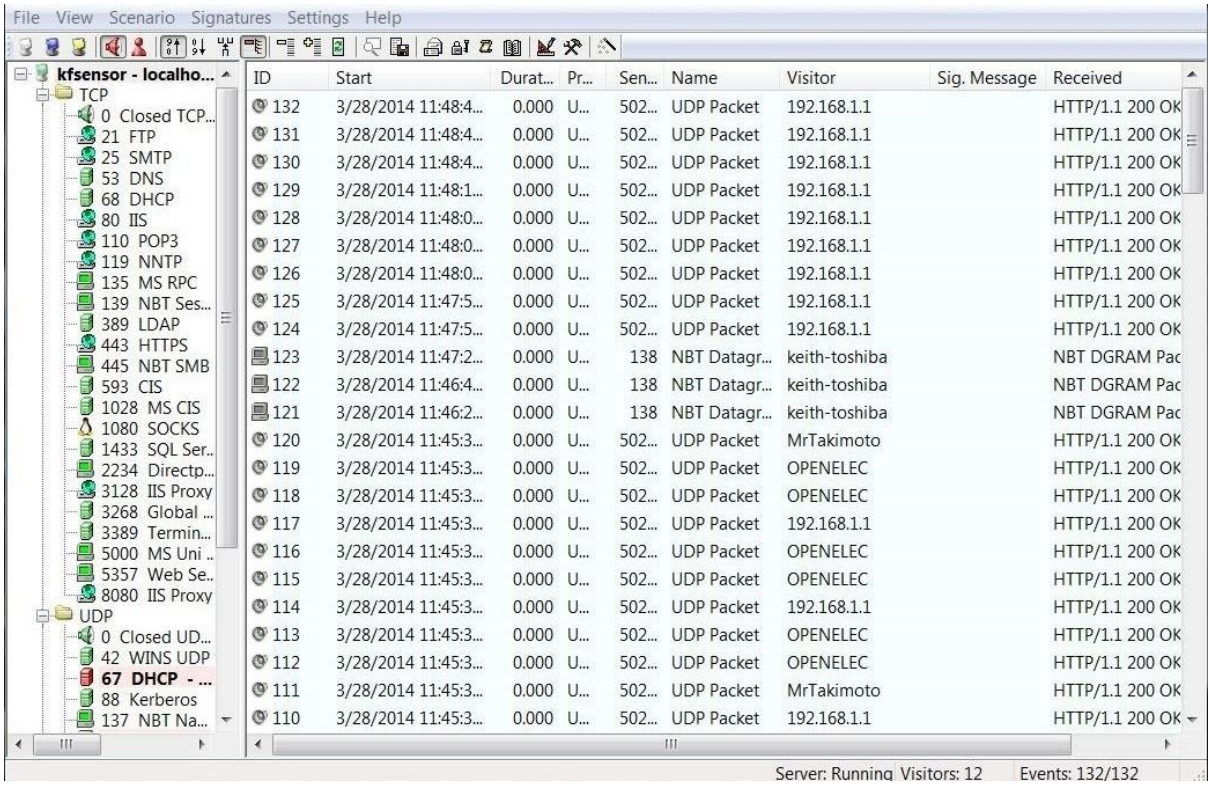
```
import re
import time

# Define log patterns and corresponding actions
log_patterns = [
        (r'Error', 'Error detected'),
        (r'Warning', 'Warning detected'),
        (r'Success', 'Successful operation'),
]

# Dictionary to store event correlations
event_correlations = {}

def process_log(log_line):
        for pattern, action in log_patterns:
        if re.search(pattern, log_line):
        if action not in event_correlations:
                event_correlations[action] = []
        event_correlations[action].append(log_line)
        return True
        return False

# Simulate log capturing (replace this with actual log source)
log_file = open('log_2.txt', 'r')
for log_line in log_file:
        log_line = log_line.strip()
        print(log_line)
        if log_line:
        if process_log(log_line):
        print(f"Event Correlated: {log_line}")

# Simulate event correlation results (in a real system, you would take action here)
time.sleep(5)
for action, correlated_logs in event_correlations.items():
        print(f"Action: {action}")
        print("Correlated Logs:")
        for log in correlated_logs:
        print(log)
        print()

log_file.close()
```

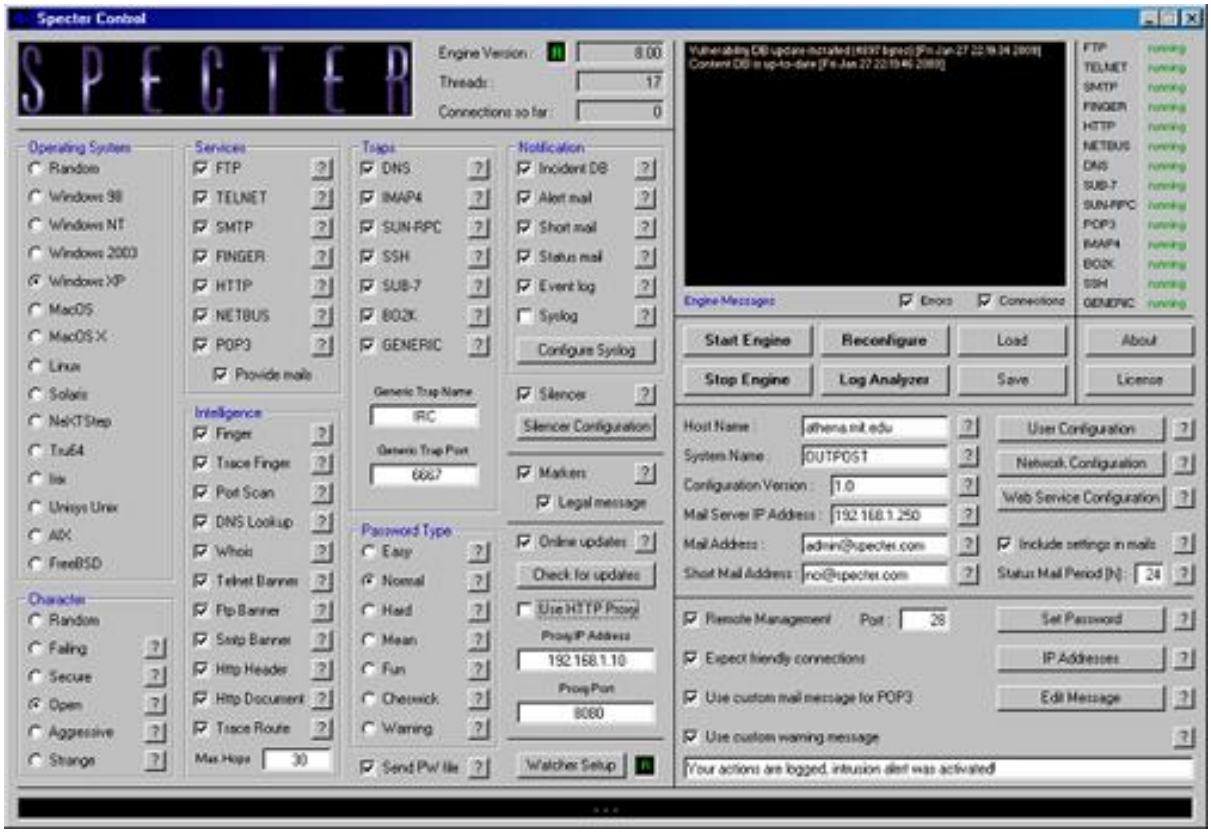
Output:

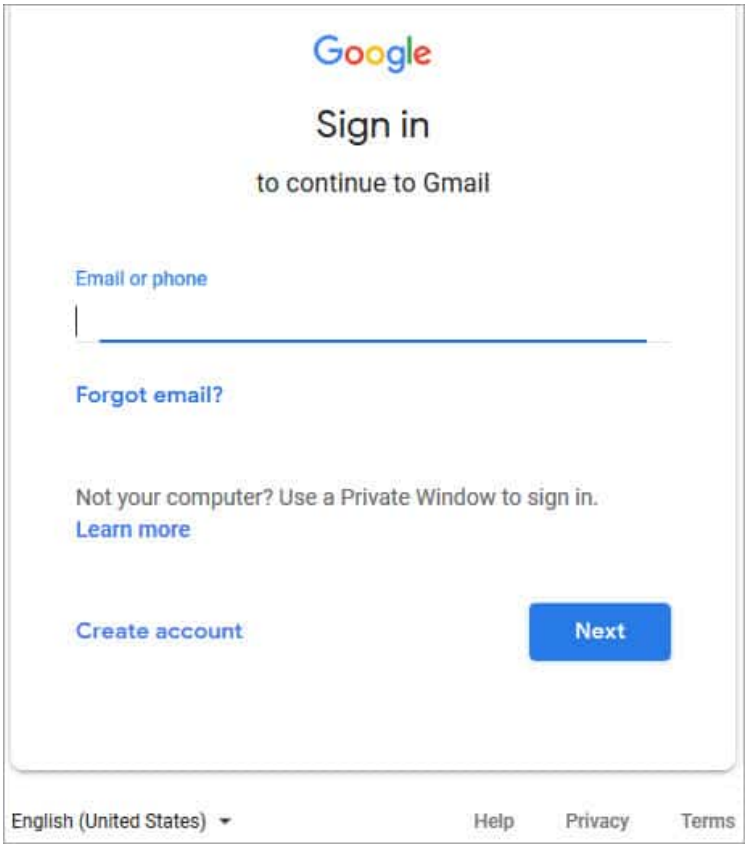
```
[INFO] Successful operation
Event Correlated: [INFO] Successful operation
[ERROR] Error detected: Database connection failed
Event Correlated: [ERROR] Error detected: Database connection failed
[INFO] Successful operation
Event Correlated: [INFO] Successful operation
[WARNING] Warning detected: Disk space is low
Event Correlated: [WARNING] Warning detected: Disk space is low
[ERROR] Error detected: Application crashed
Event Correlated: [ERROR] Error detected: Application crashed
[INFO] Successful operation
Event Correlated: [INFO] Successful operation
Action: Successful operation
Correlated Logs:
[INFO] Successful operation
[INFO] Successful operation
[INFO] Successful operation

Action: Error detected
Correlated Logs:
[ERROR] Error detected: Database connection failed
[ERROR] Error detected: Application crashed

Action: Warning detected
Correlated Logs:
[WARNING] Warning detected: Disk space is low
```

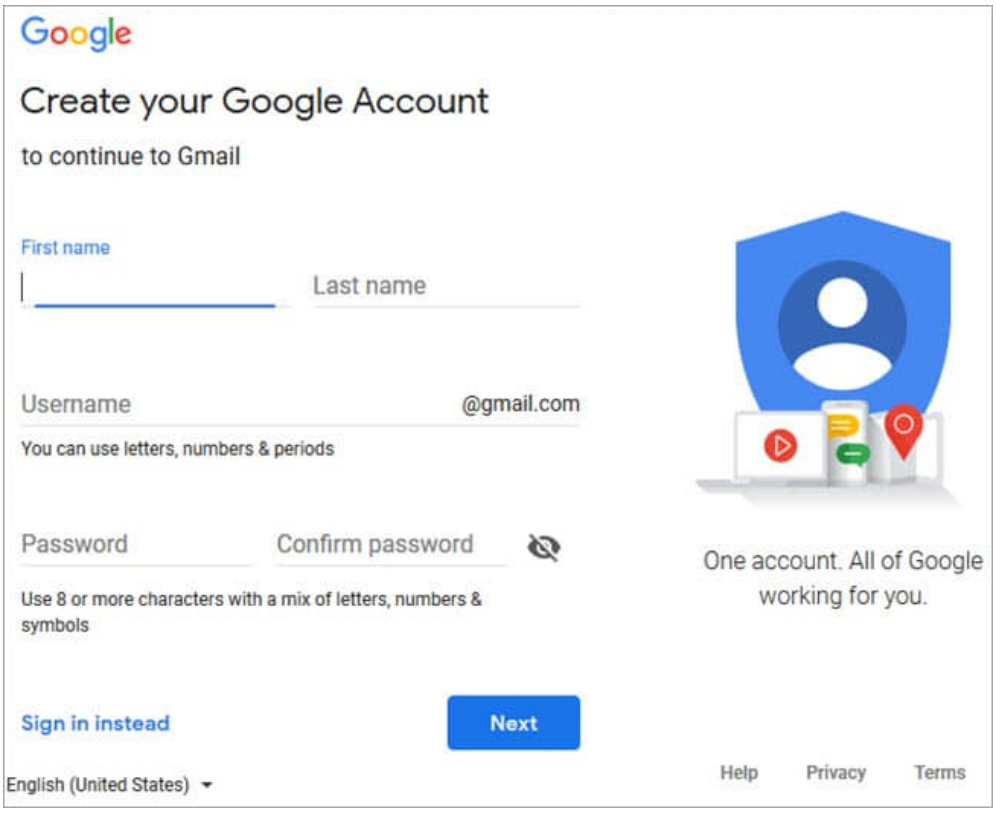

Event Viewer
File Action View Help
Event Viewer (Local)
Custom Views
Windows Logs
Application
Security
Setup
System
Forwarded Events
Applications and Services Log
Subscriptions
Security Number of events: 32,033
Keywor... Date and Time Source Event ID Task Ca...
Audit... 10/11/2023 3:15:02 AM Securit... 4798 User Ac...
Audit... 10/11/2023 3:15:02 AM Securit... 4798 User Ac...
Audit... 10/11/2023 3:15:02 AM Securit... 4798 User Ac...
Audit... 10/11/2023 3:15:02 AM Securit... 4798 User Ac...
Audit... 10/11/2023 3:14:38 AM Securit... 4672 Special ...
Audit... 10/11/2023 3:14:38 AM Securit... 4624 Logon
Audit... 10/11/2023 3:14:02 AM Securit... 4798 User Ac...
Audit... 10/11/2023 3:14:02 AM Securit... 4798 User Ac...
Audit... 10/11/2023 3:14:02 AM Securit... 4798 User Ac...
Audit... 10/11/2023 3:14:02 AM Securit... 4798 User Ac...
Audit... 10/11/2023 3:13:29 AM Securit... 4672 Special ...
Event 4798, Security-Auditing
General Details
A user's local group membership was enumerated.
Subject:
Actions
Security
Open Saved Log...
Create Custom View...
Import Custom View...
Clear Log...
Filter Current Log...
Properties
Find...
Save All Events As...
Attach a Task To this Log...
View
Refresh
Help
Event 4798, Security-Auditing
Event Properties
Attach Task To This Event...
Copy


Security Event Manager
Dashboard Events Nodes Rules Groups
SEM console Sedemo
Events - All Events
Showing all 10000 latest items
Export to CSV
FILTERS
Overview
All Events 9999+
Subscriptions 0
SEM Internal Ev... 255
New Unmatche... 0
Rule Activity 40
Security
Incidents 3
Security Events 6
Network Event ... 0
All Firewall Events 36
All Threat Events 40
Unusual Networ... 4
Blocked Web Tr... 0
Virus Attacks 2
IDS Scan/Attack ... 2
Security Process... 0
File Audit Failures 9
IT Operations
All Web Traffic 332
Show results from history
Live Mode
Live Filter
NAME EVENT INFO DETECTION IP DETECTION TIME
UserLogoff Logoff "EMEASALES\Administrator" SE-EMEA-0026.emea.sales 2019-10-17 11:03:11
UserLogon Logon "EMEASALES\Administrator" SE-EMEA-0026.emea.sales 2019-10-17 11:03:11
PolicyScopeChange Privilege assigned to new logon "EMEASALES\Administrator" SE-EMEA-0026.emea.sales 2019-10-17 11:03:11
UserLogon Account "administrator" used for logon from "SE-COREIT-0013" SE-EMEA-0026.emea.sales 2019-10-17 11:03:11
UserLogoff Logoff "EMEASALES\Administrator" SE-EMEA-0026.emea.sales 2019-10-17 11:03:10
UserLogon Logon "EMEASALES\Administrator" SE-EMEA-0026.emea.sales 2019-10-17 11:03:10
PolicyScopeChange Privilege assigned to new logon "EMEASALES\Administrator" SE-EMEA-0026.emea.sales 2019-10-17 11:03:10
UserLogon Account "administrator" used for logon from "SE-COREIT-0013" SE-EMEA-0026.emea.sales 2019-10-17 11:03:10
MachineLogoff Logoff "EMEASALES\SE-EMEA-0025$" SE-EMEA-0026.emea.sales 2019-10-17 11:03:10
FileDataWrite File Write "D:\REPOSITORY\MSSQL14.MSSQLSERVER\MSSQL\DATA\dpa_dpa_avanti... 10.199.8.230 2019-10-17 11:02:39
FileDataWrite File Write "D:\REPOSITORY\MSSQL14.MSSQLSERVER\MSSQL\DATA\dpa_dpa_avanti... 10.199.8.230 2019-10-17 11:02:38
FileDataWrite File Write "D:\REPOSITORY\MSSQL14.MSSQLSERVER\MSSQL\DATA\dpa_dpa_avanti... 10.199.8.230 2019-10-17 11:02:38
FileDataWrite File Write "D:\REPOSITORY\MSSQL14.MSSQLSERVER\MSSQL\DATA\dpa_dpa_avanti... 10.199.8.230 2019-10-17 11:02:38
FileDataWrite File Write "D:\REPOSITORY\MSSQL14.MSSQLSERVER\MSSQL\DATA\dpa_dpa_avanti... 10.199.8.230 2019-10-17 11:02:36


File View Scenario Signatures Settings Help
kfsensor - localho...
TCP
0 Closed TCP...
21 FTP
25 SMTP
53 DNS
68 DHCP
80 IIS
110 POP3
119 NNTP
135 MS RPC
139 NBT Ses...
389 LDAP
443 HTTPS
445 NBT SMB
593 CIS
1028 MS CIS
1080 SOCKS
1433 SQL Ser...
2234 Directp...
3128 IIS Proxy
3268 Global ...
3389 Termin...
5000 MS Uni ...
5357 Web Se...
8080 IIS Proxy
UDP
0 Closed UD...
42 WINS UDP
67 DHCP - ...
88 Kerberos
137 NBT Na...
ID Start Durat... Pr... Sen... Name Visitor Sig. Message Received
132 3/28/2014 11:48:4... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
131 3/28/2014 11:48:4... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
130 3/28/2014 11:48:4... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
129 3/28/2014 11:48:1... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
128 3/28/2014 11:48:0... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
127 3/28/2014 11:48:0... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
126 3/28/2014 11:48:0... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
125 3/28/2014 11:47:5... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
124 3/28/2014 11:47:5... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
123 3/28/2014 11:47:2... 0.000 U... 138 NBT Datagr... keith-toshiba NBT DGRAM Pac
122 3/28/2014 11:46:4... 0.000 U... 138 NBT Datagr... keith-toshiba NBT DGRAM Pac
121 3/28/2014 11:46:2... 0.000 U... 138 NBT Datagr... keith-toshiba NBT DGRAM Pac
120 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet MrTakimoto HTTP/1.1 200 OK
119 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet OPENELEC HTTP/1.1 200 OK
118 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet OPENELEC HTTP/1.1 200 OK
117 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
116 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet OPENELEC HTTP/1.1 200 OK
115 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet OPENELEC HTTP/1.1 200 OK
114 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
113 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet OPENELEC HTTP/1.1 200 OK
112 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet OPENELEC HTTP/1.1 200 OK
111 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet MrTakimoto HTTP/1.1 200 OK
110 3/28/2014 11:45:3... 0.000 U... 502... UDP Packet 192.168.1.1 HTTP/1.1 200 OK
Server: Running Visitors: 12 Events: 132/132


Specter Control
SPECTER
Engine Version: 8.00
Threads: 17
Connections so far: 0
Operating System
Random
Windows 98
Windows NT
Windows 2000
Windows XP
MacOS
MacOS X
Linux
Solaris
NeXTStep
Tru64
Irix
Unisys Unix
AIX
FreeBSD
Character
Random
Failing
Secure
Open
Aggressive
Strange
Services
FTP
TELNET
SMTP
FINGER
HTTP
NETBUS
POP3
Provide mails
Intelligence
Finger
Trace Finger
Port Scan
DNS Lookup
Whois
Telnet Banner
Ftp Banner
Smtp Banner
Http Header
Http Document
Trace Route
Max Hops 30
Traps
DNS
IMAP4
SUN-RPC
SSH
SUB-7
BO2K
GENERIC
Generic Trap Name IRC
Generic Trap Port 6667
Password Type
Easy
Normal
Hard
Mean
Fun
Cheswick
Warning
Send PW file
Notification
Incident DB
Alert mail
Short mail
Status mail
Event log
Syslog
Configure Syslog
Silence
Silence Configuration
Markers
Legal message
Online updates
Check for updates
Use HTTP Proxy
Proxy IP Address 192.168.1.10
Proxy Port 8080
Watcher Setup
Engine Messages
Errors
Connections
FTP running
TELNET running
SMTP running
FINGER running
HTTP running
NETBUS running
DNS running
SUB-7 running
SUN-RPC running
POP3 running
IMAP4 running
BO2K running
SSH running
GENERIC running
Start Engine
Reconfigure
Load
About
Stop Engine
Log Analyzer
Save
License
Host Name athena.mit.edu
System Name OUTPOST
Configuration Version 1.0
Mail Server IP Address 192.168.1.250
Mail Address admin@specter.com
Short Mail Address noc@specter.com
User Configuration
Network Configuration
Web Service Configuration
Include settings in mails
Status Mail Period [h] 24
Remote Management Port 28
Set Password
Expect friendly connections
IP Addresses
Use custom mail message for POP3
Edit Message
Use custom warning message
Your actions are logged, intrusion alert was activated!


Google
Sign in
to continue to Gmail
Email or phone
Forgot email?
Not your computer? Use a Private Window to sign in.
Learn more
Create account
Next
English (United States)
Help
Privacy
Terms


Google
Create your Google Account
to continue to Gmail
First name
Last name
Username
@gmail.com
You can use letters, numbers & periods
Password
Confirm password
Use 8 or more characters with a mix of letters, numbers & symbols
Sign in instead
Next
English (United States)
Help
Privacy
Terms
One account. All of Google working for you.

Test Scenario ID	Login-1	Test Case ID	Login-1B
Test Case Description	Login – Negative test case	Test Priority	High
Pre-Requisite	NA	Post-Requisite	NA

Test Execution Steps:

S.No	Action	Inputs	Expected Output	Actual Output	Test Browser	Test Result	Test Comments
1	Launch application	https://www.facebook.com/	Facebook home	Facebook home	IE-11	Pass	[Priya 10/17/2017 11:44 AM]: Launch successful
2	Enter invalid Email & any Password and hit login button	Email id : invalid@xyz.com Password: ******	The email address or phone number that you've entered doesn't match any account. Sign up for an account.	The email address or phone number that you've entered doesn't match any account. Sign up for an account.	IE-11	Pass	[Priya 10/17/2017 11:45 AM]: Invalid login attempt stopped
3	Enter valid Email & incorrect Password and hit login button	Email id : valid@xyz.com Password: ******	The password that you've entered is incorrect. Forgotten password?	The password that you've entered is incorrect. Forgotten password ?	IE-11	Pass	[Priya 10/17/2017 11:46 AM]: Invalid login attempt stopped

Category	Label	Value
Bug ID	ID number	#123
	Name	CART - Unable to add new item to my cart
	Reporter	Mike A
	Submit Date	03/04/16
Bug overview	Summary	When my cart contains one item, I am unable to add a second item via the add to cart button on a product page
	URL	www.example.com/product/abc
	Screenshot	www.example.com/screenshot123
Environment	Platform	Macintosh
	Operating System	OS X 10.12.0
	Browser	Chrome 53
Bug details	Steps to reproduce	add one item to cart > go to product abc via the search bar > add new item to cart via "add to cart" button (see screenshot) > go to cart
	Expected result	The cart should contain 2 items
	Actual result	The cart contains only 1 item
	Description	/
Bug tracking	Severity	Major
	Assigned to	/
	Priority	High
Notes	Notes	/

Bug report sample 1: Web Project bug report

Summary: In CTR (Click through ratio) ‘Total’ row calculation is wrong

Product: Example product

Version: 1.0

Platform: PC

URL: (Provide url of page where bug occurs)

OS/Version: Windows 2000

Status: NEW

Severity: Major

Priority: P1

Component: Publisher stats

Assigned To: developer@example.com

Reported By: tester@example.com

CC: manager@example.com

Bug Description:

Reproduce steps:

1) Go to page: (Provide URL of page where bug occurs)

2) Click on ‘Publisher stats’ link to view publisher’s revenue detail stats date wise.

3) On page (Provide URL of page where bug occurs) check CTR value in ‘Total’ row of CTR stats table.

Actual result: Calculation of ‘Total’ row in CTR table is wrong. Also Individual row CTR for each publisher is not truncated to 2 digits after decimal point. It’s showing CTR like 0.042556767.

Expected result: Total CTR= (Total clicks/Total searches)*100

[Attach bug screenshot if any]

Please fix the bug.

****

Sample bug report 2: Application product Bug report sample

Application testing scenario:

Lets assume in your application you want to create a new user with his/her information, for that you need to logon into the application and navigate to USERS menu > New User, then enter all the details in the User form like, First Name, Last Name, Age, Address, Phone etc. Once you enter all these need to click on SAVE button in order to save the user and you can see a success message saying, “New User has been created successfully”.

Now you entered into your application by logging in and navigate to USERS menu > New user, entered all the information and clicked on SAVE button and now the application crashed and you can see one error page on the screen, now you would like to report this BUG.

Now here is how we can report bug for above scenario:

Bug Name: Application crash on clicking the SAVE button while creating a new user.

Bug ID: The BUG Tracking tool will automatically create it once you save this.

Area Path: USERS menu > New Users

Build Number:/Version Number 5.0.1

Severity: HIGH (High/Medium/Low)

Priority: HIGH (High/Medium/Low)

Assigned to: Developer-X

Created By: Your Name

Created On: Date

Reason: Defect

Status: New/Open/Active – Depends on the Tool you are using

Environment: Windows 2003/SQL Server 2005

Description:

Application crash on clicking the SAVE button while creating a new user, hence unable to create a new user in the application.

Steps To Reproduce:

1) Logon into the application

2) Navigate to the Users Menu > New User

3) Filled all the fields

4) Clicked on ‘Save’ button

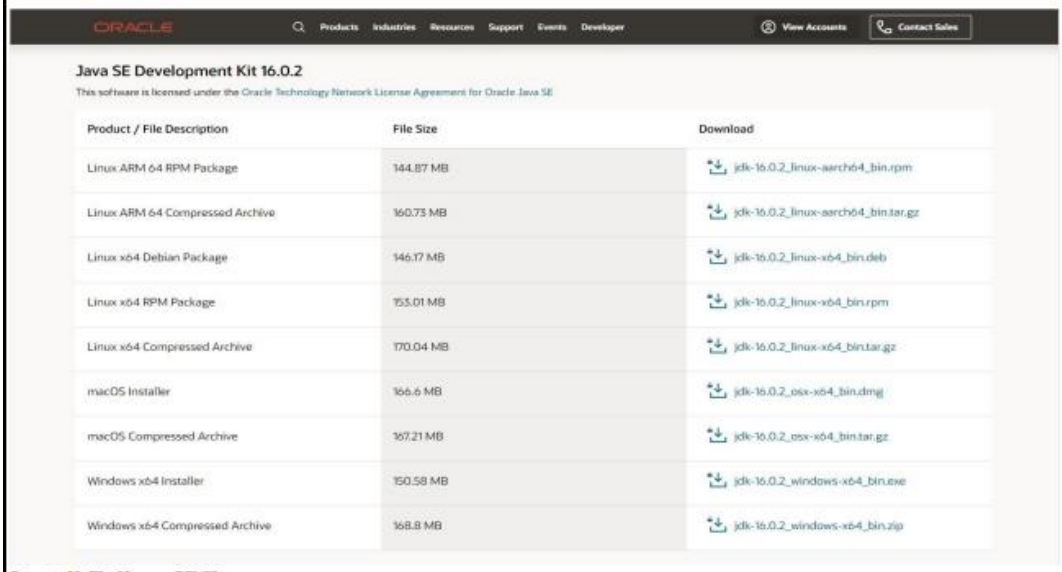
5) Seen an error page “ORA1090 Exception: Insert values Error…”

6) See the attached logs for more information

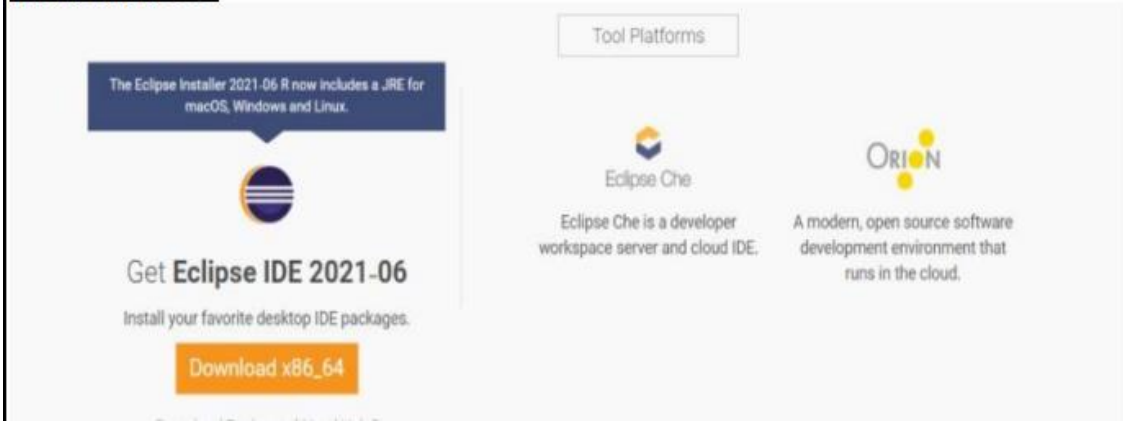
7) And also see the attached screenshot of the error page.

Expected: On clicking SAVE button should be prompted to a success message “New User has been created successfully”.

9.



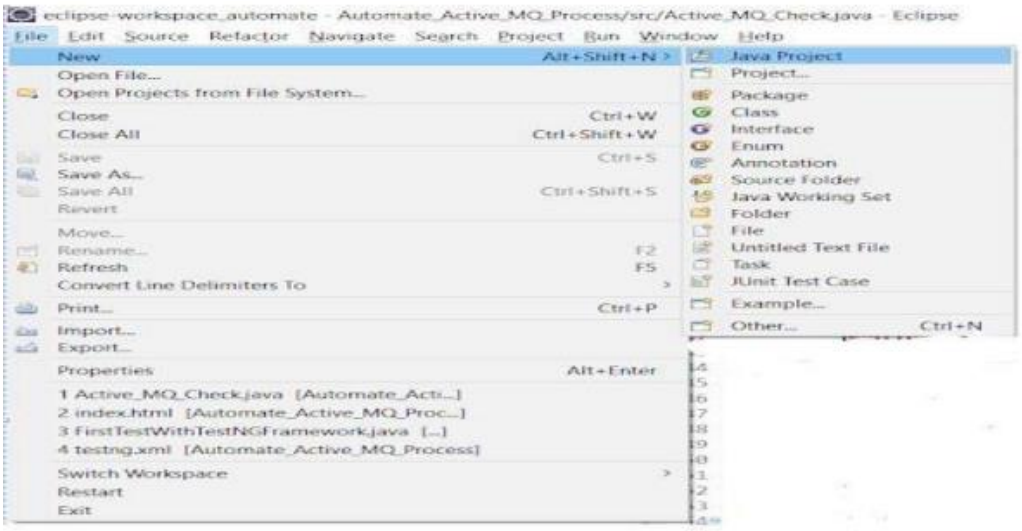
Install Eclipse IDE



9.

- API Docs


Selenium
About
Downloads
Documentation
Projects
Support
Blog
English
Search this site...
C#
Stable: 3.14.0 (August 02, 2018)
Beta: 4.0.0-beta4 (June 07, 2021)
Changelog
API Docs
Ruby
Stable: 3.142.6 (October 04, 2019)
Beta: 4.0.0beta4 (June 07, 2021)
Changelog
API Docs
Java
Stable: 3.141.59 (November 14, 2018)
Beta: 4.0.0-beta-4 (June 07, 2021)
Changelog
API Docs
Python
Stable: 3.141.0 (November 01, 2018)
Beta: 4.0.0.b4 (June 07, 2021)
Changelog
API Docs
JavaScript
Stable: 3.6.0 (October 06, 2017)
Beta: 4.0.0-beta.4 (June 07, 2021)
Changelog
API Docs


eclipse-workspace_automate - Automate_Active_MQ_Process/src/Active_MQ_Check.java - Eclipse
File Edit Source Refactor Navigate Search Project Run Window Help
New Alt+Shift+N
Open File...
Open Projects from File System...
Close Ctrl+W
Close All Ctrl+Shift+W
Save Ctrl+S
Save As...
Save All Ctrl+Shift+S
Revert
Move...
Rename... F2
Refresh F5
Convert Line Delimiters To
Print... Ctrl+P
Import...
Export...
Properties Alt+Enter
1 Active_MQ_Check.java [Automate_Acti...]
2 index.html [Automate_Active_MQ_Proc...]
3 FirstTestWithTestNGFramework.java [...]
4 testng.xml [Automate_Active_MQ_Process]
Switch Workspace
Restart
Exit
Java Project
Project...
Package
Class
Interface
Enum
Annotation
Source Folder
Java Working Set
Folder
File
Untitled Text File
Task
JUnit Test Case
Example...
Other... Ctrl+N

Brief Requirements Specification: Online Education Portal

Background: I own an expanding UK-based company which provides online English teaching services to companies and individuals in Russia.

Objective: To hire and properly monitor a team of English teachers in the UK, ensure student/teacher loyalty and cope with an expanding client base.

Maximum Load: 20 teachers, 200 students, 10 classes conducted simultaneously.

Current website: www.englishinrussia.ru

Site concept: Online education portal for Russian learners of English.

Competitors: http://www.englishdom.com, http://www.english-natali.ru

Features to be added:

1) **Stand-alone server software** in addition to the existing webserver.
   - Platform is subject to discussion
   - Its URL can be different from main website
   - Russian language support is a must
   - Database
2) **On-site web-conferencing system** similar to Skype, but simpler. This is an essential element of the site to guarantee control of the teaching process and to maintain teacher/student loyalty.
   - Ability to save information about classes: teacher, student, topic, start/end date and time, mark, comment
   - Two-way video stream
   - Quality audio
   - Text chat
   - Screen share
   - Whiteboard functionality
   - Option of recording lessons
3) **Back office for registered students.**
   - Login
   - Real-time updated student timetables
   - Teacher availability timetables
   - Payment system
   - Lesson booking and links to payment system
   - Teacher profiles with samples from lessons (embedded video, audio)
   - Internal messaging system for sending homework and questions/answers between students and teachers with the option of attaching files.
4) **Payment system.** Payment for lessons and courses online (similar to this: http://www.englishdom.com/en/cost).
5) **Online test functionality.** Interactive exercises in the form of multiple choice questions (similar to this: http://cliomsk.com/on-line-test). This should be created as a customisable template, which can be used to create other interactive exercises by study topic.
6) **Reports.**
   - Ability to monitor who is currently online, who is in the virtual classrooms.
   - Recorded lessons with start date/time and duration

   - Payments list within a selected period, teacher or student.
   - Teacher workload statistics for every teacher
   - Report on student: classes with marks
   - Online test results.
   - Message logs.
   - System log.
7) **Configuration.**
   - User page
   - Student profiles
   - Teacher profiles
   - Online test templates
   - Hourly rates for every teacher