

DAILY ONLINE ACTIVITIES SUMMARY

Date:	14-06-2020	Name:	Pallavi I sutar
Sem & Sec	8 th B	USN:	4a116cs061
Online Test Summary			
Subject	---		
Max. Marks	--	Score	--
Certification Course Summary			
Course	1) Robotic Process Automation (RPA) 2) Introduction to ethical hacking 3) Introduction to cyber security 4) Introduction to Hadoop		
Certificate Provider	1)Great learner Academy 2)GUVI	Duration	Ethical hacking - 6 Hrs Cyber Security - 7 Hrs RAP:3.00hrs Hadoop – 4 Hrs
Coding Challenges			
Problem Statement:			
How to validate an IP address using Regular Expressions in Java			
Status: solved			
Uploaded the report in Github		yes	
How to validate an IP address using Regular Expressions in Java			
If yes Repository name		Pallavi-sutar	
How to find duplicate elements in a Stream in Java			

C++ implementation to print the half diamond star pattern

C++ implementation to print the half diamond star pattern

Uploaded the report in slack	yes
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Online Test Details: (Attach the snapshot and briefly write the report for the same)

Certification Course Details: (Attach the snapshot and briefly write the report for the same)





Certificate of completion

Presented to

Pallavi Sutar

For successfully completing a free online course
Introduction to Cyber Security

Provided by
Great Learning Academy
(On June 2020)

To verify this certificate visit verify.greatlearning.in/GAXXBOFH



Certificate of completion

Presented to

Pallavi Sutar

For successfully completing a free online course
Introduction to Ethical Hacking

Provided by
Great Learning Academy
(On May 2020)

To verify this certificate visit verify.greatlearning.in/UYSECPYA



pallavi sutar

is here by awarded the certificate of achievement for
the successful completion of

Step into Robotic Process Automation

during GUVI's RPA **SKILL-A-THON** 2020



S.P. Balamurugan

Co-founder, CEO

Valid certificate ID kx1hn6a09156S15530

Verified certificate issue on June 1 2020

Verify certificate at www.guvi.in/certificate?id=kx1hn6a09156S15530

In association with



Coding Challenges Details: (Attach the snapshot and briefly write the report for the same)

Solution

```
import java.util.regex.*;
class IPAddressValidation {
    public static boolean isValidIPAddress(String ip)
    {
        String zeroTo255 = "(\\d{1,2}|(0|1)\\d|2[0-4]|25[0-5])";
        String regex = zeroTo255 + "\\." + zeroTo255 + "\\." + zeroTo255 + "\\." + zeroTo255;
        Pattern p = Pattern.compile(regex);
        if (ip == null) {
            return false;
        }
        Matcher m = p.matcher(ip);
        return m.matches();
    }
}
```

```
}  
public static void main(String args[])  
{  
    System.out.println("Test Case 1:");  
    String str1 = "000.12.12.034";  
    System.out.println("Input: " + str1);  
    System.out.println("Output: " + isValidIPAddress(str1));  
}
```

```
System.out.println("\nTest Case 2:");
String str2 = "121.234.12.12";
System.out.println("Input: " + str2);
System.out.println("Output: " + isValidIPAddress(str2));
System.out.println("\nTest Case 3:");
String str3 = "000.12.234.23.23";
System.out.println("Input: " + str3);
System.out.println("Output: " + isValidIPAddress(str3));
System.out.println("\nTest Case 4:");
String str4 = "I.Am.not.an.ip";
System.out.println("Input: " + str4);
System.out.println("Output: " + isValidIPAddress(str4));
}
}
```