# DAILY ONLINE ACTIVITIES SUMMARY

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| **Date:** | **15-06-2020** | **Name:** | **Manikya K** |
| **Sem & Sec** | **8th,A** | **USN:** | **4AL16CS050** |

## Online Test Summary

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|---|---|---|---|
| **Subject** | **SMS** | | |
| **Max. Marks** | **60** | **Score** | **No Mail Received** |

## Certification Course Summary

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|---|---|---|---|
| **Course** | **1) Robotic Process Automation (RPA)**<br>**2) Introduction to ethical hacking**<br>**3) Introduction to cyber security**<br>**4) Introduction to Hadoop** | | |
| **Certificate Provider** | **1) GUVI**<br>**2) Great learner academy** | **Duration** | **RPA – 4 Hrs**<br>**Ethical hacking - 6 Hrs**<br>**Cyber Security - 7 Hrs**<br>**Hadoop – 4 Hrs** |

## Coding Challenges

Problem Statement: C++ program to calculate the sum of all palindromic numbers in a linked list

**Status: Solved**

| | |
|---|---|
| **Uploaded the report in Github** | **Yes** |
| **If yes Repository name** | **manikya-20** |
| **Uploaded the report in slack** | **Yes** |

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)

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

## 1) Certification Course Details:

### A) Robotic process Automation:


### B) Introdution to ethical hacking:

**C) Introduction to Cyber Security:**


**D) Introduction to Hadoop:**

## 2) Coding Challenges:

```
#include <bits/stdc++.h>
using namespace std;
struct Node {
    int data;
    Node* next;
};
void push(Node** head_ref, int new_data)
{
    Node* new_node = (Node*)malloc(
        sizeof(struct Node));

    // Insert the data
    new_node->data = new_data;

    new_node->next = (*head_ref);

    // Make the new Node as
    // the new head
    (*head_ref) = new_node;
}
bool isPalin(int n)
{
    int d = 0, s = 0;
    int temp = n;
    while (n > 0) {
        d = n % 10;
        s = s * 10 + d;
        n = n / 10;
    }


    return temp == s;
}

int sumOfpal(Node* head_1)
{
    int s = 0;
    Node* ptr = head_1;
```

```
    while (ptr != NULL) {


        if (isPalin(ptr->data)) {


            s += ptr->data;
        }
        ptr = ptr->next;
    }
    return s;
}
int main()
{

    Node* head1 = NULL;


    push(&head1, 13);
    push(&head1, 212);
    push(&head1, 22);
    push(&head1, 44);
    push(&head1, 4);
    push(&head1, 3);

    cout << sumOfpal(head1)
         << endl;
    return 0;
}
```