DAILY ONLINE ACTIVITIES SUMMARY

Date:	**28-07-2020**	**Name:**	**Nayan. P. Joshi**
Sem & Sec	**8th Sem A**	**USN:**	**4AL16CS058**

Online Test Summary

Subject	**----------**		
Max. Marks	**----------**	**Score**	**----------**

Certification Course Summary

Course	**Python for Machine Learning**		
Certificate Provider	**Great learning academy**	**Duration**	**2hrs**

Coding Challenges

Problem Statement: Write a C++ program to find largest palindrome in array

Status: Solved

Uploaded the report in GitHub	**Yes**
If yes Repository name	**nayan1998**
Uploaded the report in slack	**Yes**

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CERTIFICATE OF COMPLETION

Presented to

Nayan Joshi

For successfully completing a free online course

Python for Machine Learning

Provided by

Great Learning Academy

(On July 2020)

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

C++ program to find largest palindrome in array

```
#include <bits/stdc++.h>
using namespace std;
bool isPalindrome (int n)
{
	int divisor = 1;
	while (n / divisor >= 10)
		divisor *= 10;

	while (n != 0)
	{
		int leading = n / divisor;
		int trailing = n % 10;
		if (leading != trailing)
			return false;
		n = (n % divisor) / 10;
		divisor = divisor / 100;
	}
	return true;
}
int largestPalindrome(int A[], int n)
{
	sort(A, A + n);
```

```
    for (int i = n - 1; i >= 0; --i)
    {

        if (isPalindrome(A[i]))
            return A[i];
    }

    return -1;
}

int main()
{
    int A[] = { 1, 232, 54545, 999991 };
    int n = sizeof(A) / sizeof(A[0]);

    cout << largestPalindrome(A, n);

    return 0;
}
```