DAILY ONLINE ACTIVITIES SUMMARY

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **22/6/2020** | | | | **Name:** | **Sushmitha Shet** | |
| **Sem & Sec** | **8 B** | | | | **USN:** | **4al16cs110** | |
| Online Test Summary | | | | | | | |
| **Subject** | | **SMS** | | | | | |
| **Max. Marks** | | **30** | | **Score** | | **30** | |
| Certification Course Summary | | | | | | | |
| **Course** | **Cloud audit academy.** | | | | | | |
| **Certificate Provider** | | | **AWS** | **Duration** | | | **3 hrs** |
| Coding Challenges | | | | | | | |
| **Problem Statement:**  Write a c program to check if all the numbers of an array can be made equal. | | | | | | | |
| **Status:-solved** | | | | | | | |
| **Uploaded the report in Github** | | | | **Yes** | | | |
| **If yes Repository name** | | | | **sushmithashet** | | | |
| **Uploaded the report in slack** | | | | **Yes** | | | |

Online coding:

Write a c program to check if all the numbers of an array can be made equal.

#include <stdio.h>

int make\_equal(int a[], int n)

{

int flag = 1;

for (int i = 0; i < n; i++)

{

while (a[i] % 2 == 0)

a[i] /= 2;

while (a[i] % 3 == 0)

a[i] /= 3;

}

for (int i = 1; i < n; i++)

{

if (a[i] != a[0])

{

flag = 0 ;

}

return flag;

}

}

int main()

{

int n, i;

scanf(“%d”, &n);

int a[n];

for(i=0; i<n; i++)

scanf(“%d”, &a[i]);

if (make\_equal(a, n) == 1)

printf(“Yes”);

else

printf(“No”);

return 0;