**DAILY ONLINE ACTIVITIES SUMMARY**

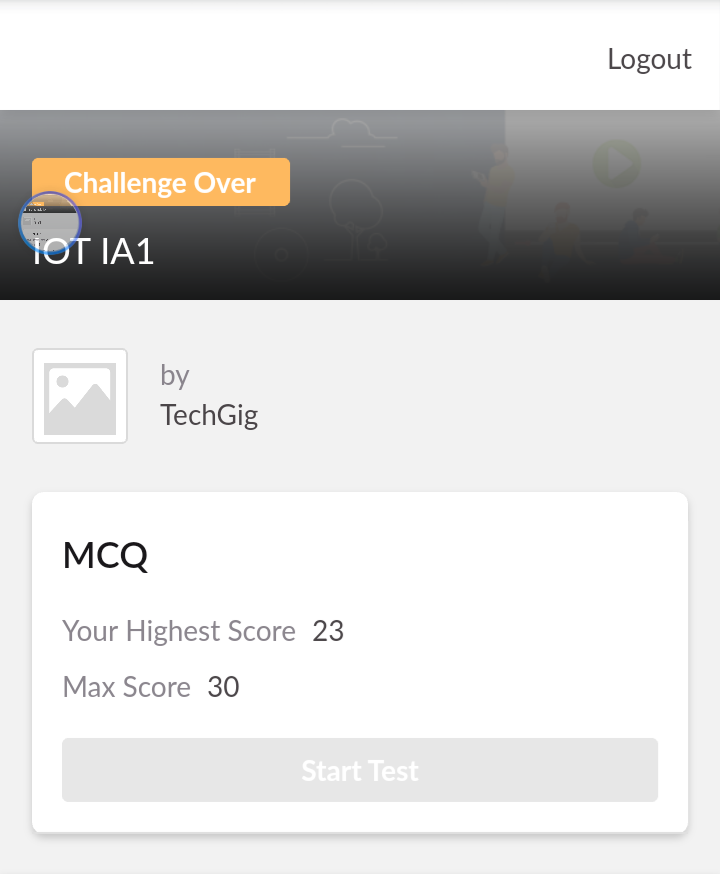
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| **Date:** | **20-5-2020** | | | | | **Name:** | **Prajna** | |
| **Sem & Sec** | **8th sem ‘B’** | | | | | **USN:** | **4AL16CS067** | |
| **Online Test Summary** | | | | | | | | |
| **Subject** | | **IOT** | | | | | | |
| **Max. Marks** | | **30** | | **Score** | | | **23** | |
| **Certification Course Summary** | | | | | | | | |
| **Course** | **Getting started: Hadoop** | | | | | | | |
| **Certificate Provider** | | | **Great Learning** | | **Duration** | | | **30min** |
| **Coding Challenges** | | | | | | | | |
| **Problem Statement:**1**.** Write a C Program to Reverse a Linked List in groups of given size.  **2.**Write a python program to check given number is armstrong or not. | | | | | | | | |
| **Status: Completed** | | | | | | | | |
| **Uploaded the report in GitHub**  **GitHub link:** | | | | | **Yes**  **https://github.com/4al16cs067/onlineactivitesreport** | | | |
| **If yes Repository name** | | | | | **onlineactivitiesreport** | | | |
| **Uploaded the report in slack** | | | | | **yes** | | | |

Online Test Details: (Attach the snapshot and briefly write the report for the same)

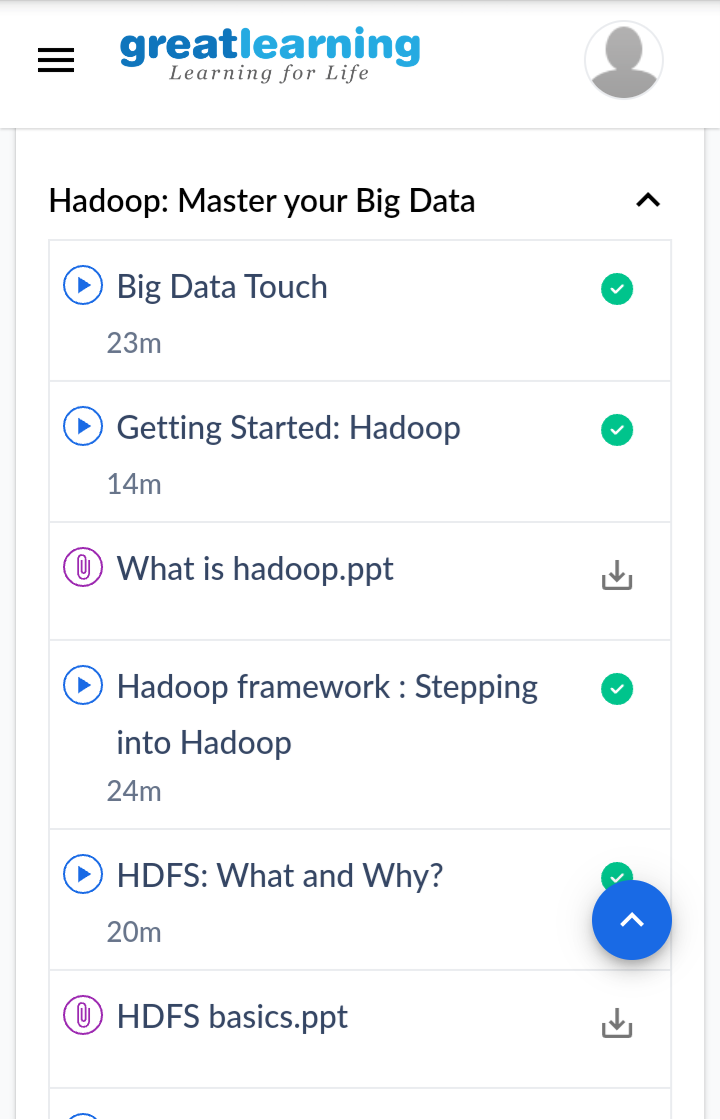
Certification Course Details: (Attach the snapshot and briefly write the report for the same)

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

1)online test



2) certification course



3) coding challenges

**Program1**

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| struct Node { int data; struct Node\* next; };  pointer to the new head node. / struct Node reverse (struct Node head, int k) { struct Node current = head; struct Node next = NULL; struct Node prev = NULL; int count = 0;  while (current != NULL && count < k) { next = current->next; current->next = prev; prev = current; current = next; count++; }  if (next != NULL) head->next = reverse(next, k);  return prev; }  void push(struct Node\*\* head\_ref, int new\_data) { struct Node\* new\_node = (struct Node\*) malloc(sizeof(struct Node));  new\_node->data = new\_data;  new\_node->next = (\*head\_ref);  (\*head\_ref) = new\_node; }  void printList(struct Node \*node) { while (node != NULL) { printf("%d ", node->data); node = node->next; } }  int main(void) { struct Node\* head = NULL; push(&head, 8); push(&head, 7); push(&head, 6); push(&head, 5); push(&head, 4); push(&head, 3); push(&head, 2); push(&head, 1);  printf("\nGiven linked list \n"); printList(head); head = reverse(head, 2);  printf("\nReversed Linked list \n"); printList(head);  return(0); } |  |
|  |  |

Program 2

num = int(input("Enter a number: "))

# initialize sum

sum = 0

# find the sum of the cube of each digit

temp = num

while temp > 0:

digit = temp % 10

sum += digit \*\* 3

temp //= 10

# display the result

if num == sum:

print(num,"is an Armstrong number")

else:

print(num,"is not an Armstrong number")