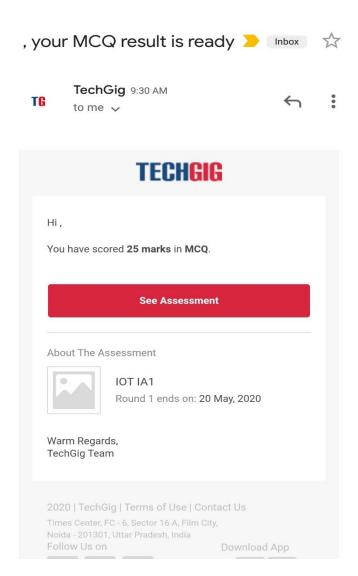
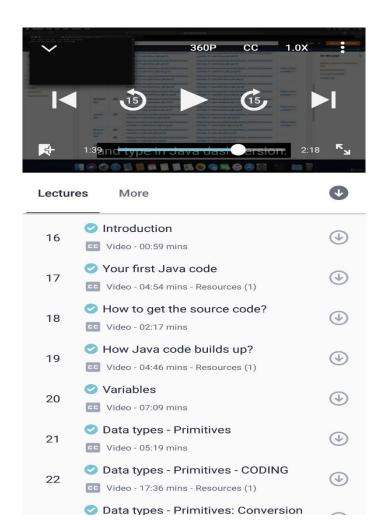
## **DAILY ONLINE ACTIVITIES SUMMARY**

Date:	20/5/2020	Name:		Afrah Saleem				
Sem &	8 <sup>th</sup> Sem I	B section	USN:	4AL16	6CS127			
Sec								
		Online Test S	Summary					
Subject	Internet of Things							
Max. Marks	30		Score 25					
Certification Course Summary								
Course	Practical java course: zero to one							
Certifica te		Udemy	Duration		4 hrs			
Provider								
Coding Challenges								
Problem Sta	Problem Statement:							
1. Write a C Program to Reverse a Linked List in groups of given size.								
2.Python program to exchange the values of two numbers using ^ (exclusive or operator)								
3.Write Pytho	n Program	to Reverse a Given Num	ber:					
Status: Com	pleted							
Uploaded the report in Github			Yes					
If yes Repository name			Afrah					
Uploaded th	e report i	n slack	yes					

## **Online Test Details:**



## Online Certification details:



## Coding Challenges Details:

```
Program 1
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
x = 10
y=12
x = x \wedge y;
y = x \wedge y;
x = x \wedge y;
print ("After Swapping: x = ", x, " y =", y
Program 3
n=int(input("Enter number: "))
rev=0
while(n>0):
dig=n%10
rev=rev*10+dig
n=n//10
print("Reverse of the number:",rev)
```