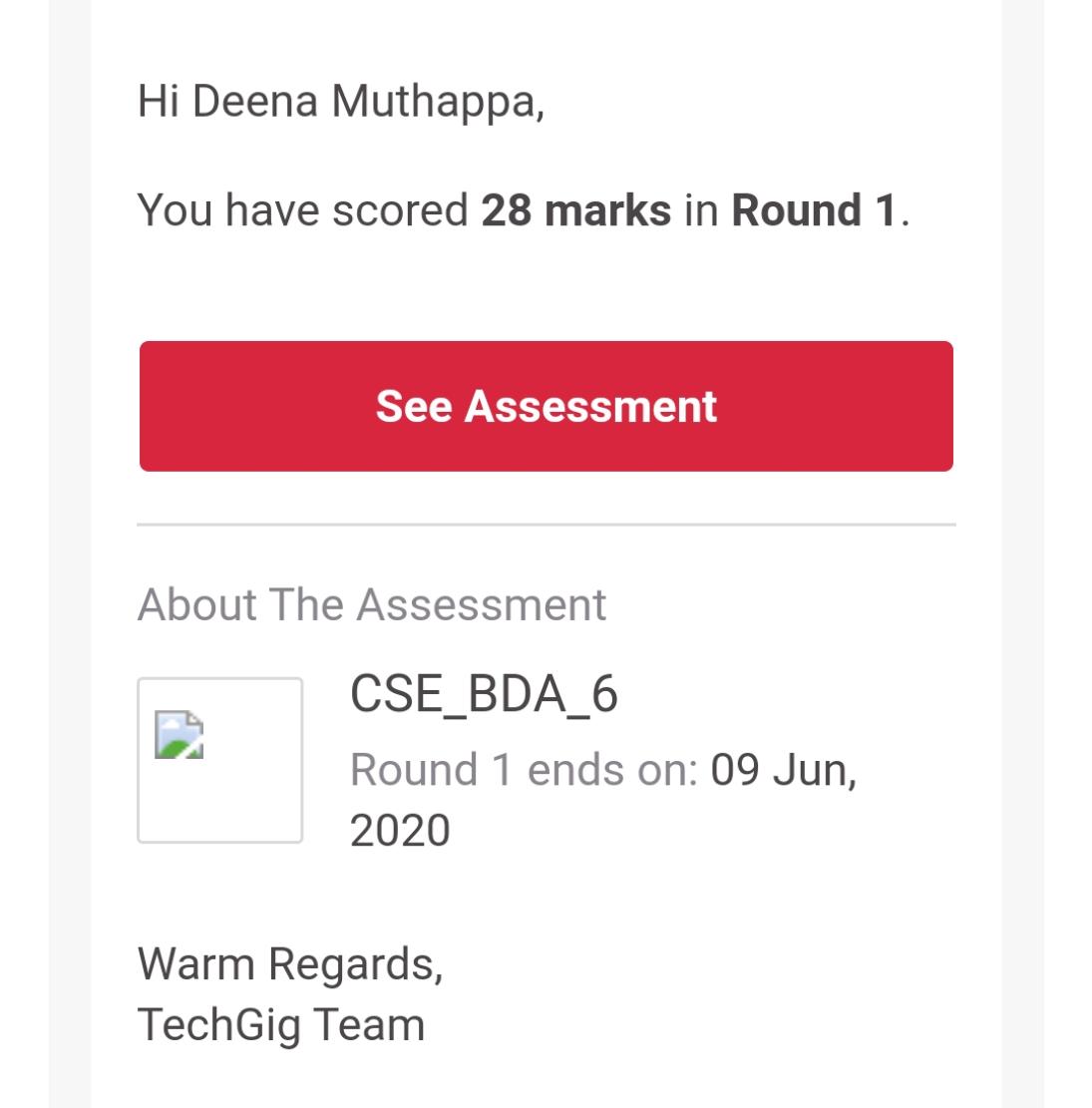
**DAILY ONLINE ACTIVITIES SUMMARY**

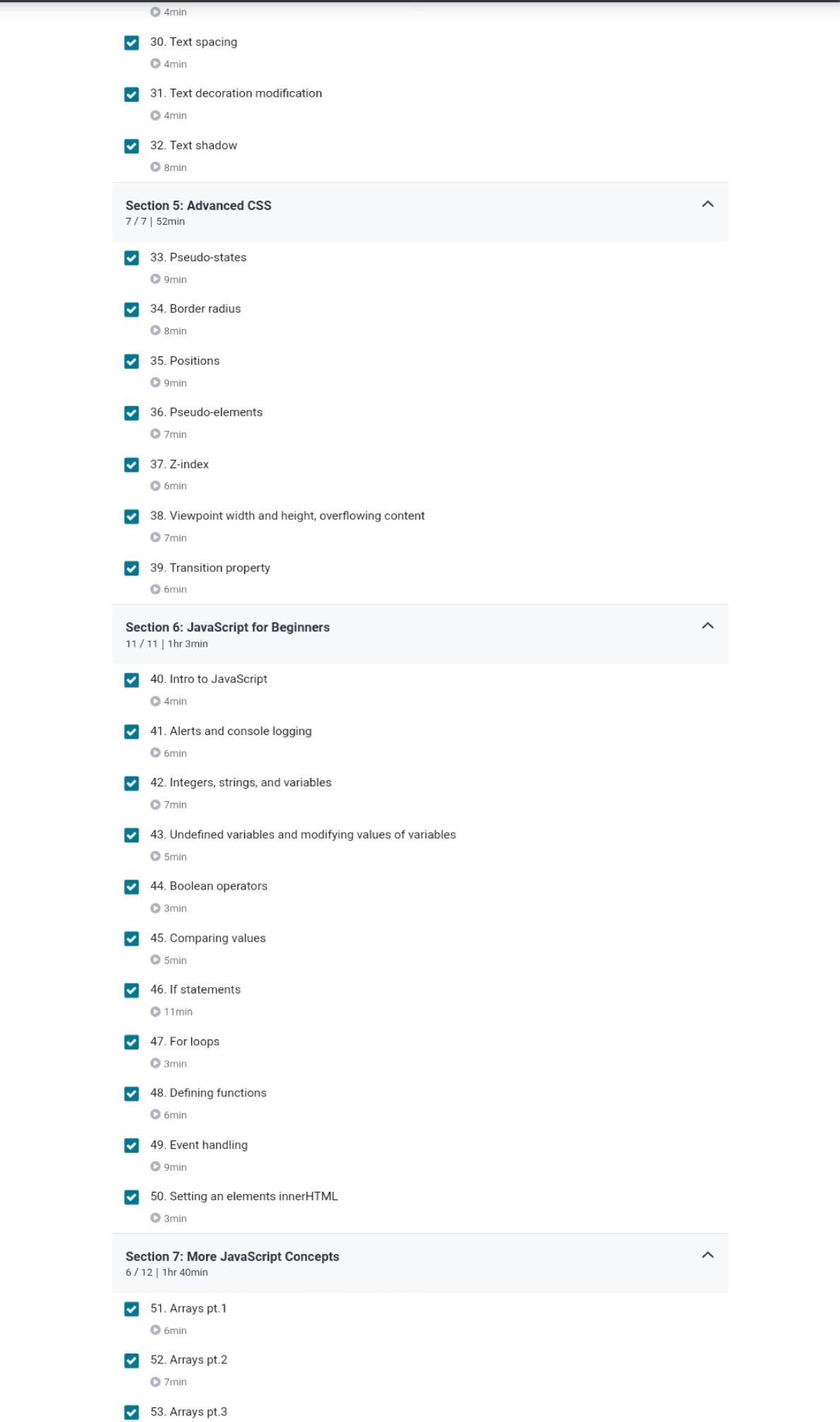
|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Date:** | **09/06/20** | | | | **Name:** | **Deena Muthappa** | |
| **Sem & Sec** | **8th sem, A sec** | | | | **USN:** | **4AL16CS028** | |
| **Online Test Summary** | | | | | | | |
| **Subject** | | **BDA** | | | | | |
| **Max. Marks** | | **28** | | **Score** | | **30** | |
| **Certification Course Summary** | | | | | | | |
| **Course** | **The complete front end web development** | | | | | | |
| **Certificate Provider** | | | **Udemy** | **Duration** | | | **15hrs** |
| **Coding Challenges** | | | | | | | |
| **Problem Statement: Write a C program to rotate the matrix by K times** | | | | | | | |
| **Status: Completed** | | | | | | | |
| **Uploaded the report in Github** | | | | **Yes** | | | |
| **If yes Repository name** | | | | **deenamuthaappa/Coding-Challenges** | | | |
| **Uploaded the report in slack** | | | | **Yes** | | | |

Online Test Details:



The test was on the subject Big Data Analytics

Certification Course Details:



Coding Challenges Details:

|  |
| --- |
| #include <stdio.h> |
|  | void shiftArrPos(int \*arr, int arrSize) |
|  | { |
|  | int i, temp; |
|  | temp = arr[0]; |
|  | for(i = 0; i < arrSize-1; i++) |
|  | { |
|  | arr[i] = arr[i+1]; |
|  | } |
|  | arr[i] = temp; |
|  | } |
|  | void arrRotate(int \*arr, int arrSize, int rotFrom) |
|  | { |
|  | int i; |
|  | for(i = 0; i < rotFrom; i++) |
|  | { |
|  | shiftArrPos(arr, arrSize); |
|  | } |
|  | return; |
|  | } |
|  | int main() |
|  | { |
|  | int arr[10][10]; |
|  | int i, j, K, n1, n2; |
|  |  |
|  | printf("Enter the size of the matrix: "); |
|  | scanf("%d%d",&n1,&n2); |
|  |  |
|  | printf("Enter the Elements of the matrix:\n"); |
|  | for(i = 0; i < n1; i++) |
|  | for(j = 0; j < n2; j++) |
|  | scanf("%d",&arr[i][j]); |
|  |  |
|  | printf("Enter the value of K: "); |
|  | scanf("%d", &K); |
|  |  |
|  | printf("Matrix before rotation\n"); |
|  | for(i = 0; i < n1; i++) |
|  | { |
|  | for(j = 0; j < n2; j++) |
|  | printf("%d ",arr[i][j]); |
|  | printf("\n"); |
|  | } |
|  |  |
|  | for(i = 0; i < n1; i++) |
|  | arrRotate(arr[i], n2, K); |
|  |  |
|  | printf("Matrix after rotation\n"); |
|  | for(i = 0; i < n1; i++) |
|  | { |
|  | for(j = 0; j < n2; j++) |
|  | printf("%d ",arr[i][j]); |
|  | printf("\n"); |
|  | } |
|  |  |
|  | return 0; |
|  | } |