DAILY ONLINE ACTIVITIES SUMMARY

Date:	**20-06-2020**	**Name:**	**Shaima Abdul Kader**
Sem & Sec	**8th sem B sec**	**USN:**	**4AL16CS087**

Online Test Summary

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

Certification Course Summary

Course	**Introduction to Data Science**		
Certificate Provider	**IBM**	**Duration**	**3Hrs**

Coding Challenges

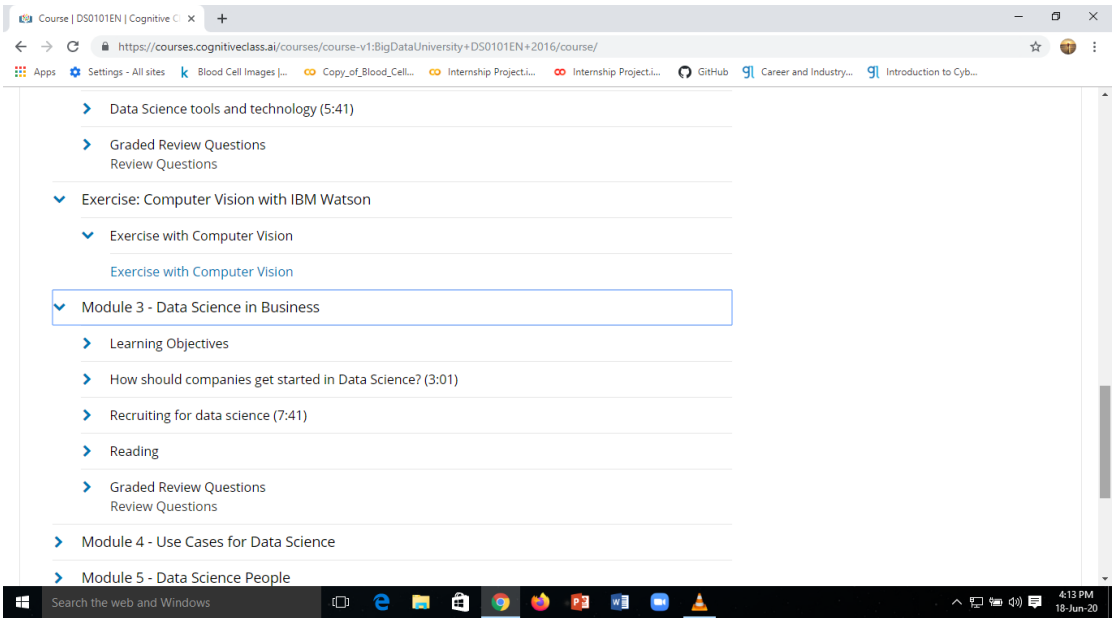
Problem Statement- : `Write a C Program to rotate a Matrix by 90 Degree in Clockwise or Anticlockwise Direction.`

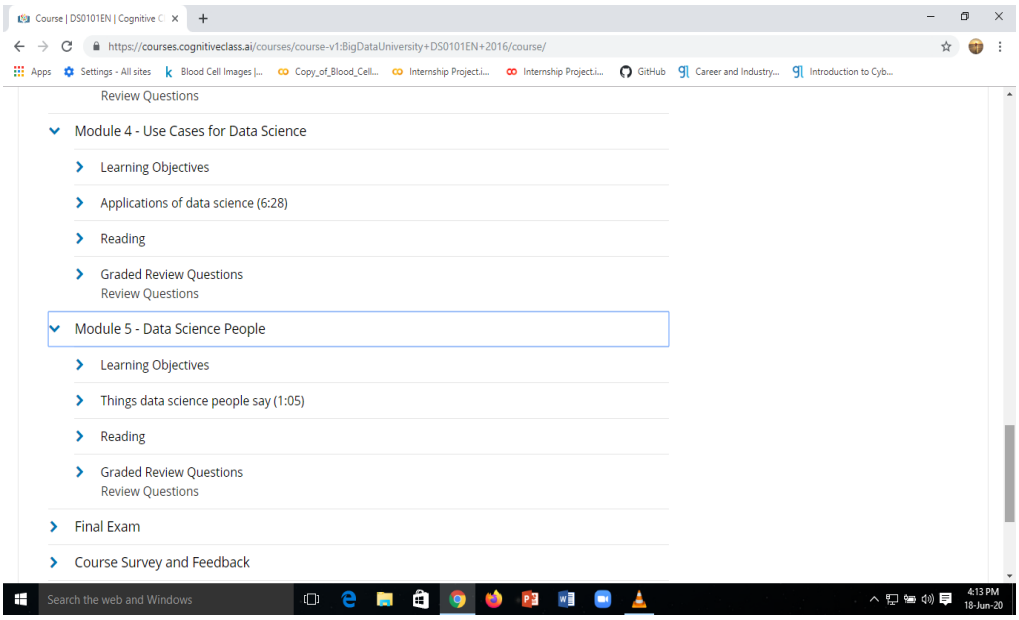
Status: completed

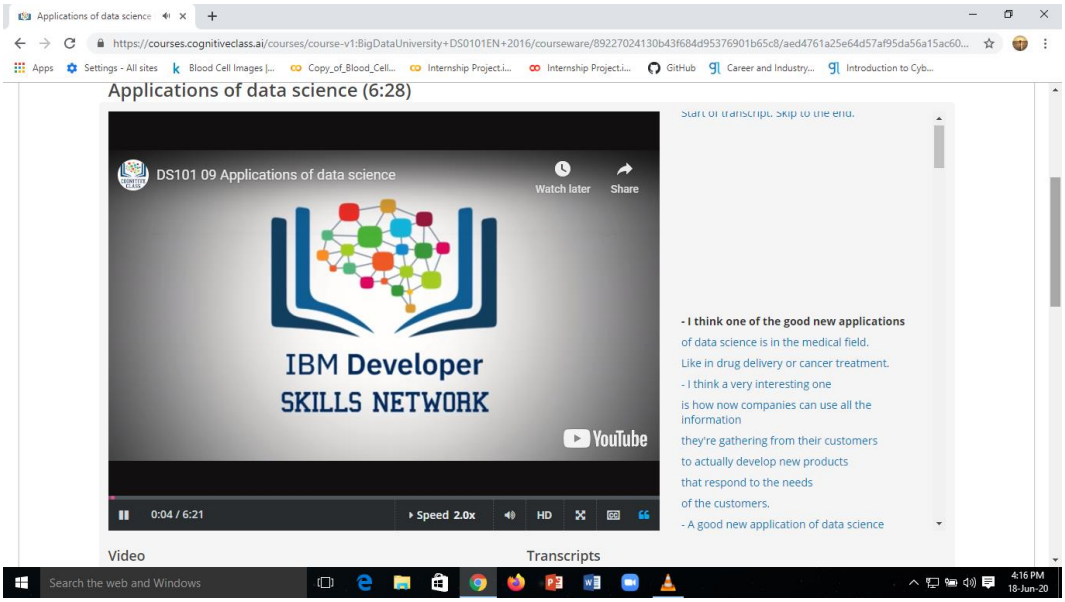
Uploaded the report in Github	**yes**
If yes Repository name	**shaima**
Uploaded the report in slack	**yes**

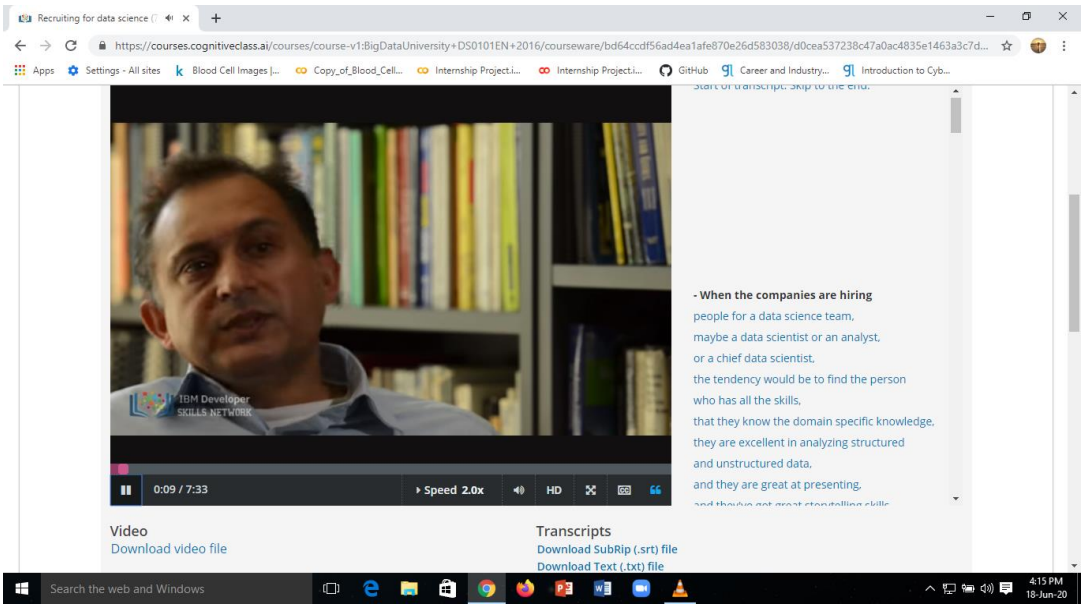
Online Test Details: (Attach the snapshot and briefly write the report for the same)

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




Course | DS0101EN | Cognitive
https://courses.cognitiveclass.ai/courses/course-v1:BigDataUniversity+DS0101EN+2016/course/
Review Questions
Module 4 - Use Cases for Data Science
Learning Objectives
Applications of data science (6:28)
Reading
Graded Review Questions
Review Questions
Module 5 - Data Science People
Learning Objectives
Things data science people say (1:05)
Reading
Graded Review Questions
Review Questions
Final Exam
Course Survey and Feedback
Search the web and Windows
4:13 PM
18-Jun-20


Applications of data science
https://courses.cognitiveclass.ai/courses/course-v1:BigDataUniversity+DS0101EN+2016/courseware/892270241
Applications of data science (6:28)
DS101 09 Applications of data science
Watch later
Share
IBM Developer
SKILLS NETWORK
YouTube
0:04 / 6:21
Speed 2.0x
HD
- I think one of the good new applications
of data science is in the medical field.
Like in drug delivery or cancer treatment.
- I think a very interesting one
is how now companies can use all the information
they're gathering from their customers
to actually develop new products
that respond to the needs
of the customers.
- A good new application of data science
Video
Transcripts
Search the web and Windows
4:16 PM
18-Jun-20



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

Coding was given and it was uploaded for github and slack

Write a C Program to rotate a Matrix by 90 Degree in Clockwise or Anticlockwise Direction

```
#include <stdio.h>
int main()
{
 int c,l=1,n;
   printf("Enter size of matrix (NxN): ");
  scanf("%d",&n);
  int arr[n][n];
  printf("\nEnter matrix elements:\n");
  for(int i=0;i<n;i++)
  {
      for(int j=0;j<n;j++)
      {
          scanf("%d",&arr[i][j]);
      }
  }
```

```
 printf("\ngiven matrix elements:\n");
 for(int i=0;i<n;i++)
 {
     for(int j=0;j<n;j++)
     {
         printf("%d ",arr[i][j]);
     }
     printf("\n");
 }


while(l)
{
    printf("MENU\n");
    printf("1.clockwise\n");
    printf("2.Anticlockwise\n");
    printf("3.display\n");
    printf("4.exit\n");
    printf("enter choice\n");
    scanf("%d",&c);

    {
        if(c==1){
          for (int i=0;i<n/2;i++)
 {
   for (int j=i;j<n-i-1;j++)
   {
           int temp=arr[i][j];
           arr[i][j]=arr[n-1-j][i];
           arr[n-1-j][i]=arr[n-1-i][n-1-j];
           arr[n-1-i][n-1-j]=arr[j][n-1-i];
           arr[j][n-1-i]=temp;
   }
 }
        }
    else if(c==2){
           for(int i=0;i<n/2;i++)
 {
     for(int j=i;j<n-i-1;j++)
     {

         int temp=arr[i][j];
         arr[i][j]=arr[j][n-i-1];
         arr[j][n-i-1]=arr[n-i-1][n-j-1];
         arr[n-i-1][n-j-1]=arr[n-j-1][i];
         arr[n-j-1][i]=temp;
     }
 }


     }
    else if(c==3)
     {
           printf("\nMatrix after rotating 90 degree:\n");
 for(int i=0;i<n;i++)
 {
```

```
     for(int j=0;j<n;j++)
     {
         printf("%d ",arr[i][j]);
     }
     printf("\n");
 }

     }
     else l=0;

    }

    }
}
```