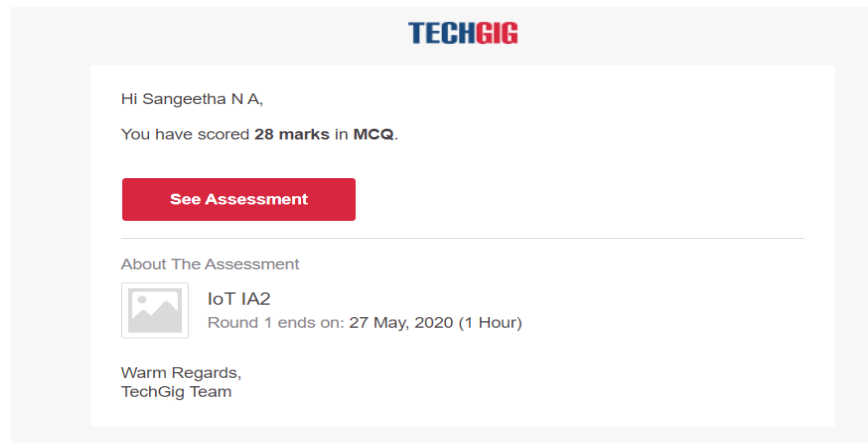


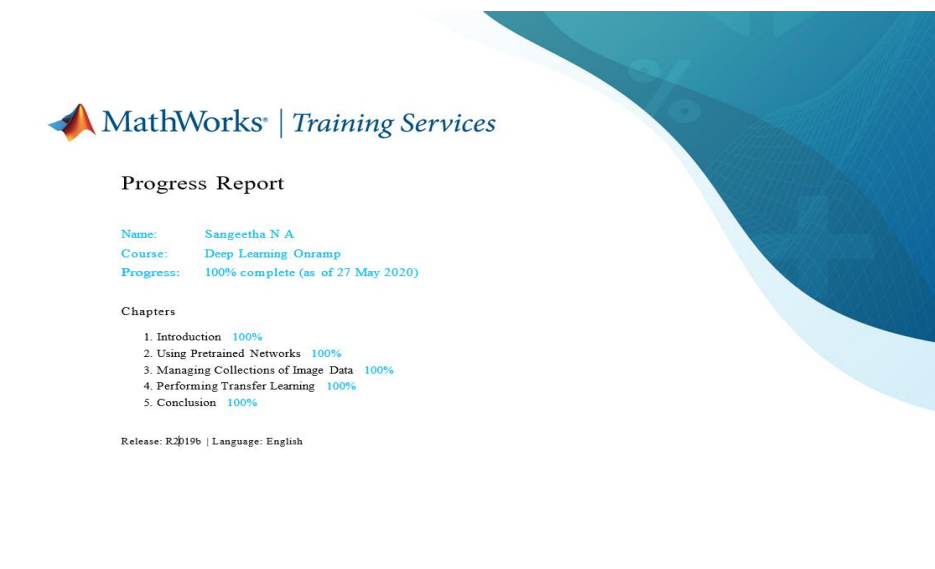
## **DAILY ONLINE ACTIVITIES SUMMARY**

<b>Date:</b>	27 <sup>th</sup> May 2020	<b>Name:</b>	Sangeetha N A
<b>Sem &amp; Sec</b>	8 <sup>th</sup> Semester 'B' Section	<b>USN:</b>	4AL16CS083
<b>Online Test Summary</b>			
<b>Subject</b>	Internet of Things		
<b>Max. Marks</b>	30	<b>Score</b>	28
<b>Certification Course Summary</b>			
<b>Course</b>	Deep Learning		
<b>Certificate Provider</b>	Math Works	<b>Duration</b>	3 hour
<b>Coding Challenges</b>			
<b>Problem Statement:</b> write a c program to sort an array of integers in Ascending order and display the sorted array and number of passes per formed for sorting			
<b>Status:</b> completed			
<b>Uploaded the report in Github</b>		yes	
<b>If yes Repository name</b>		sangeethana	
<b>Uploaded the report in slack</b>		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)**

**#include<stdio. h>**

**Void swap( int\* xp, int\* yp)**

```

{
    Int temp=* xp;
    * xp=* yp;
    * yp=temp;
}

Int bubble Sort ( int arr [ ] , int n)
{
    Int i , j , count =0;
    Int swapped;
    for( i =0; i <n1; i ++)
    {
        swapped=0;
        for( j =0; j <ni 1; j ++)
        {
            if( arr [ j ]>arr [ j +1] )
            {
                swap( &arr [ j ] , &arr [ j +1] ) ;
                swapped=1;
                count ++;
            }
        }
        if( swapped==0)

```

```

break;

}

Return count ;

}

Void print Arr ay ( i ntar r [ ] , i ntsi ze)

{

Int i ;

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

printf ( " %d" , arr [ i ] ) ;

printf ( " \ n" ) ;

}

Int main( )

{

Int arr [ 50] , num;

printf ( " enter the number of elements" ) ;

scanf ( " %d" , &num) ;

printf ( " enter the elements" ) ;

for ( int i =0; i <num; i ++ ) {

scanf ( " %d" , &arr [ i ] ) ;

}

Int c=bubble Sort ( arr , num) ;

printf ( " Sorted array : \ n" ) ;

```

```
print Array ( arr , num) ;  
printf ( " Number of passes: %d\ n" , c) ;  
return 0;  
}
```