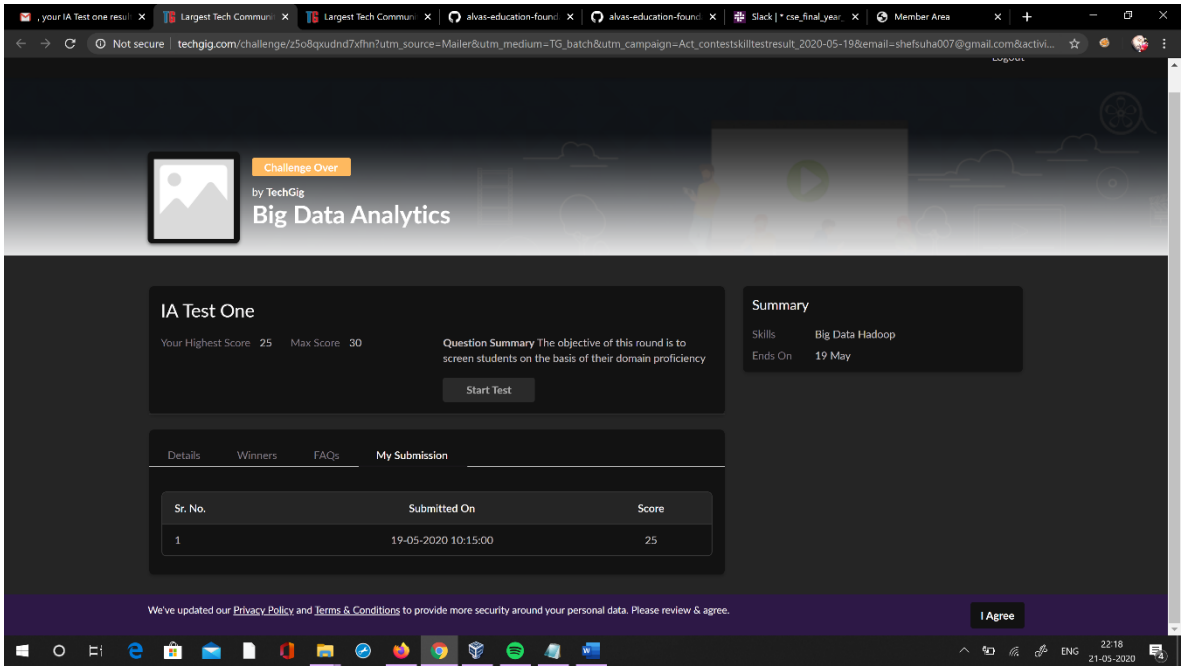
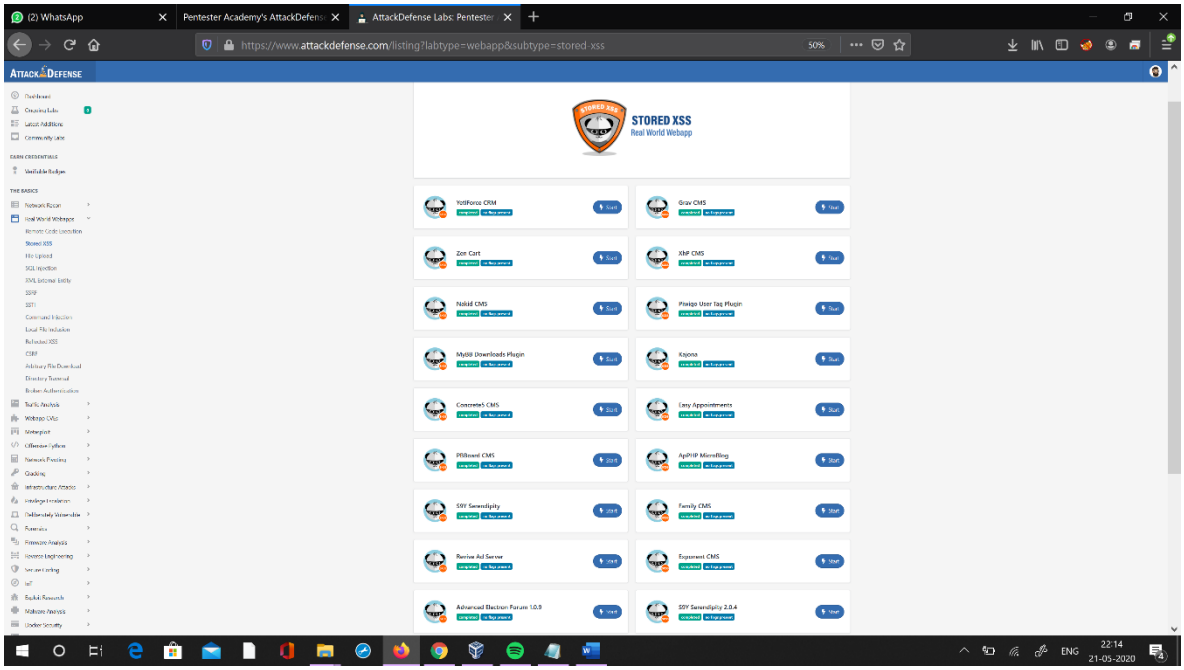
DAILYONLINEACTIVITIES SUMMARY

Date:	19/05/20	Name:	Safeeq b
Sem&Sec	VIII A	USN:	4AL15CS111
OnlineTestSummary			
Subject	Bigdataanalysis		
Max.Marks	30	Score	25
CertificationCourseSummary			
Course	PENTESTER ACADEMY		
CertificateProvider	PENTESTER Acdemy	Duration	8Hours
CodingChallenges			
ProblemStatement:Program on short palindrome			
Status:Solved			
UploadedthereportinGithub	Yes		
IfyesRepositoryname	Safeeq/certifications		
Uploadedthereportinslack	Yes		

BDA test 1:



Onlinecertification



Program

packageshortestpalindromeexample.java; importjava.util.Scanner;

publicclassShortestPalindromeDemo{ publicstaticStringshortestPalindrome(Stringstr){

intx=0;

inty=str.length()-1;

```
  while(y>=0){
    if(str.charAt(x)==str.charAt(y)){ x++;
        }
          y--;
  }
```

```
if(x==str.length()) returnstr;

Stringsuffix=str.substring(x);
Stringprefix=newStringBuilder(suffix).reverse().toString();
Stringmid=shortestPalindrome(str.substring(0,x));

returnprefix+mid+suffix;
}

publicstaticvoidmain(String[]args){

Scannerin=newScanner(System.in);

System.out.println("EnteraStringtofindoutshortestpalindrome"); Stringstr=in.nextLine();

System.out.println("Shortestpalindromeof"+str+"is"+shortestPalindrome(str));

}
```