

## DAILY ONLINE ACTIVITIES SUMMARY

<b>Date:</b>	14-06-2020	<b>Name:</b>	D Jasmine Joyline
<b>Sem &amp; Sec</b>	VI Sem A	<b>USN:</b>	4AL17CS024
<b>Online Test Summary</b>			
<b>Subject</b>	-		
<b>Max. Marks</b>	30	<b>Score</b>	-
<b>Certification Course Summary</b>			
<b>Course</b>	SQL and Relational Databases 101		
<b>Certificate Provider</b>	IBM	<b>Duration</b>	6hr
<b>Coding Challenges</b>			
<b>Problem Statement:</b> <ol style="list-style-type: none"> <li>1. Write a C program to implement binary</li> <li>2. Write a java program to remove specific characters in the String</li> </ol>			
<b>Status:Completed</b>			
<b>Uploaded the report in Github</b>		Yes	
<b>If yes Repository name</b>		<a href="https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress">https://github.com/alvas-education-foundation/D_Jasmine_Joyline/tree/master/daily_progress</a>	
<b>Uploaded the report in slack</b>		Yes	

## Online Test Details:

Not conducted

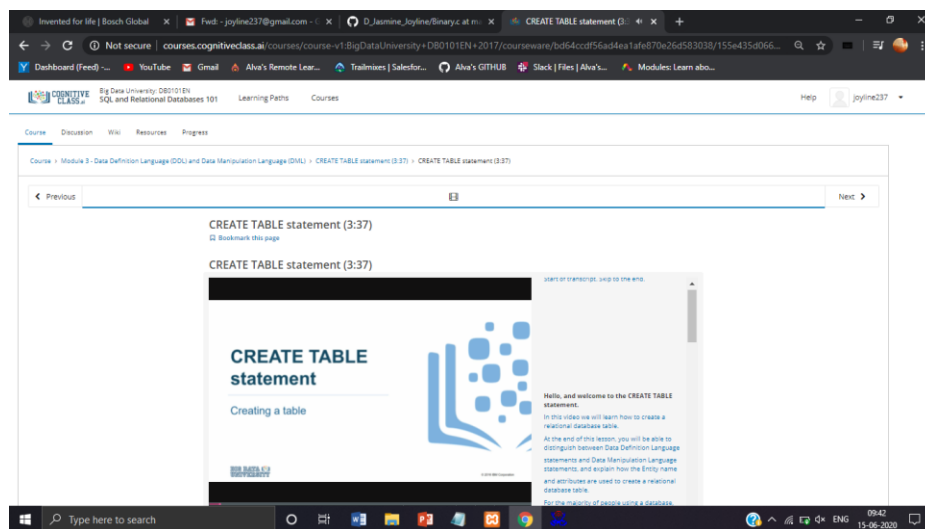
## Certification Course Details:

Module 1 - SQL and Relational Databases 101

Module 2 - Relational Model Constraints and Data Objects

Module 3 - Data Definition Language (DDL) and Data Manipulation Language (DML)

Module 4 - Advanced DDL and DML



## Coding Challenges Details:

### 1. Write a C Program to implement the Binary

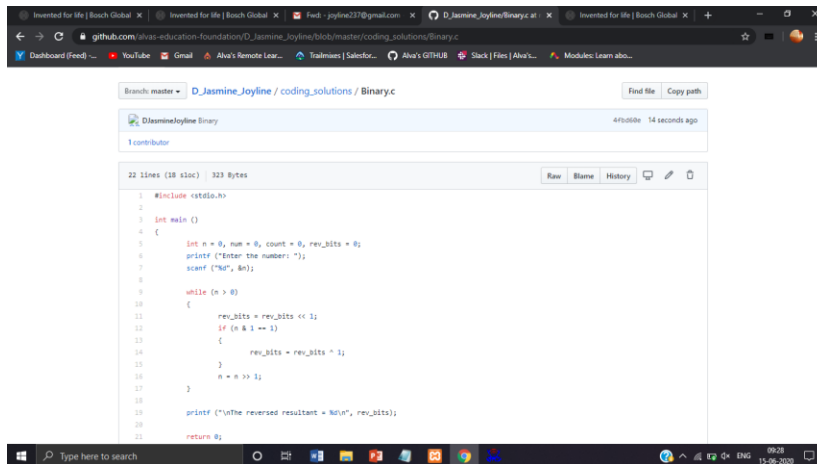
Have the function `BinaryReversal(str)` take the `str` parameter being passed, which will be a positive integer, take its binary representation, reverse that string of bits, and then finally return the new reversed string in decimal form. For example: if `str` is 47 then the binary version of this integer is 101111 but we pad it to be 00101111 (Total number of bits must be multiples of 4). Your program should reverse this binary string which then becomes: 11110100 and then finally return the decimal version of this string, which is 244.

Examples

Input: 213

Output: 171

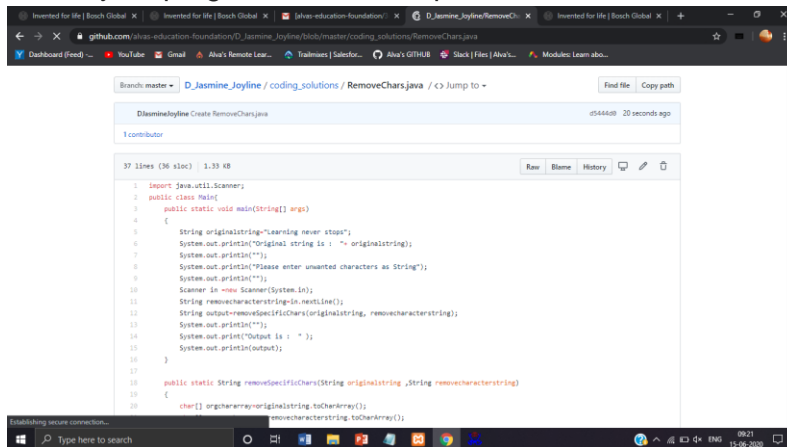
Input: 4567  
Output: 60296



The screenshot shows a GitHub repository for 'D.Jasmine\_Joyline / coding\_solutions / Binary.c'. The file is 47058b, 14 seconds ago, and has 1 contributor. The code is 22 lines (18 sloc) and 323 Bytes. It includes a C program that takes an integer input and outputs its reversed value. The program uses a while loop to extract digits from the input and build the reversed number by multiplying by 10 and adding the digit.

```
1 #include <stdio.h>
2
3 int main ()
4 {
5     int n = 0, num = 0, count = 0, rev_bits = 0;
6     printf ("Enter the number: ");
7     scanf ("%d", &n);
8
9     while (n > 0)
10    {
11        rev_bits = rev_bits << 1;
12        if (n & 1 == 1)
13        {
14            rev_bits = rev_bits + 1;
15        }
16        n = n >> 1;
17    }
18
19    printf ("\nThe reversed resultant = %d\n", rev_bits);
20
21    return 0;
22 }
```

## 2. write a java program to remove specific characters in the String



The screenshot shows a GitHub repository for 'D.Jasmine\_Joyline / coding\_solutions / RemoveChars.java'. The file is d5446d8, 20 seconds ago, and has 1 contributor. The code is 37 lines (36 sloc) and 1,133 KB. It includes a Java program that removes specific characters from a string. The program uses a Scanner to read a string and a character to be removed. It then iterates through the string, building a new string that excludes the specified character.

```
1 import java.util.Scanner;
2 public class Main{
3     public static void main(String[] args)
4     {
5         String originalString="Learning never stops";
6         System.out.println("Original string is : ~> "+originalString);
7         System.out.println("");
8         System.out.println("Please enter unwanted characters as String");
9         System.out.println("");
10        Scanner in =new Scanner(System.in);
11        String output=removeSpecificChars(originalString, removeCharacterString);
12        String output=removeSpecificChars(originalString, removeCharacterString);
13        System.out.println("");
14        System.out.println("Output is : ~> ");
15        System.out.println(output);
16    }
17
18    public static String removeSpecificChars(String originalString ,String removeCharacterString)
19    {
20        char[] originalArray=originalString.toCharArray();
21        removeCharacterString.toCharArray();
22    }
23 }
```