

## Section 1:

### ANSWER

front-end language – I'd use html and php (html for the designing part and php for login and register part)

back-end language – I'd use html and php

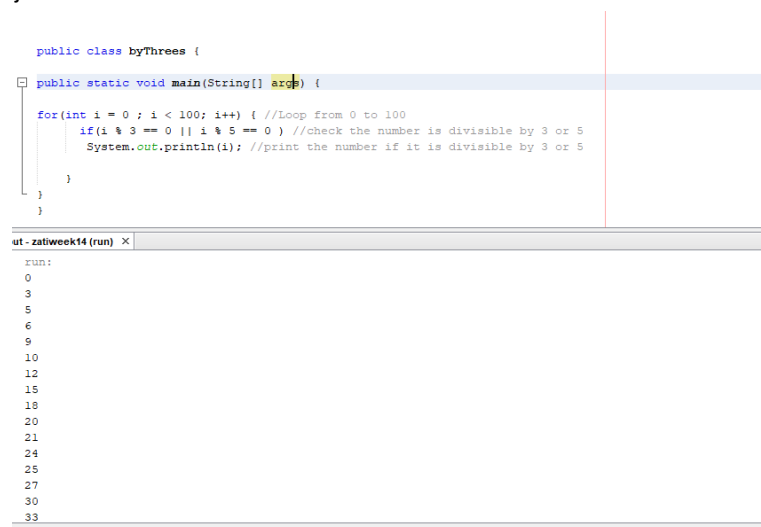
database management system - mysql (mysql for the database part)

## Section 2:

### JAVA LANGUAGE

#### ANSWER QUESTION 1 :

```
for(int i = 0 ; i < 100; i++) { //Loop from 0 to 100
    if(i % 3 == 0 || i % 5 == 0 ) //check the number is divisible by 3 or 5
        System.out.println(i); //print the number if it is divisible by 3 or 5
}
```



The screenshot shows a Java IDE with a code editor and a console window. The code editor contains the following Java code:

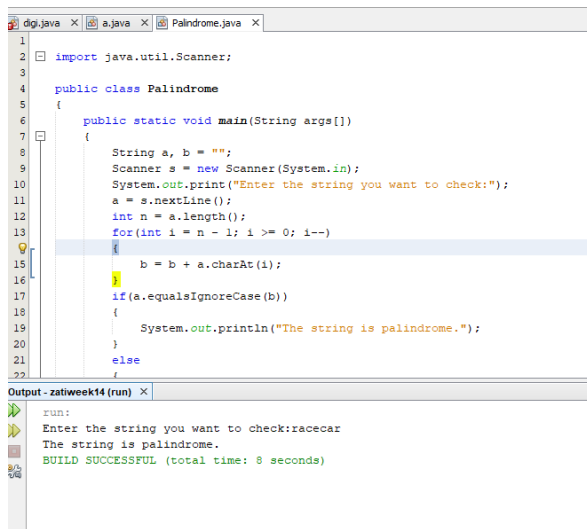
```
public class byThrees {
    public static void main(String[] args) {
        for(int i = 0 ; i < 100; i++) { //Loop from 0 to 100
            if(i % 3 == 0 || i % 5 == 0 ) //check the number is divisible by 3 or 5
                System.out.println(i); //print the number if it is divisible by 3 or 5
        }
    }
}
```

The console window, titled "ut - zatiweek14 (run) X", shows the output of the program:

```
run:
0
3
5
6
9
10
12
15
18
20
21
24
25
27
30
33
```

2. Not sure how to do it and did not understand

### 3. ANSWER Q3



```
1
2 import java.util.Scanner;
3
4 public class Palindrome
5 {
6     public static void main(String args[])
7     {
8         String a, b = "";
9         Scanner s = new Scanner(System.in);
10        System.out.print("Enter the string you want to check:");
11        a = s.nextLine();
12        int n = a.length();
13        for(int i = n - 1; i >= 0; i--)
14        {
15            b = b + a.charAt(i);
16        }
17        if(a.equalsIgnoreCase(b))
18        {
19            System.out.println("The string is palindrome.");
20        }
21        else
22        {
23        }
```

Output - zatiweek14 (run) X

```
run:
Enter the string you want to check:racecar
The string is palindrome.
BUILD SUCCESSFUL (total time: 8 seconds)
```

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Starting date: 3<sup>rd</sup> February 2020 until 17<sup>th</sup> July 2020

Internship duration: 24 Weeks

Portfolio link (optional):