

Java Lab Assignment

**Object Oriented
Programming Language
CSE 152**



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Section – 2C1*

The screenshot shows the NetBeans IDE interface. The main editor window displays the source code for `Java_lab_54_Assignment_1A.java`. The code includes a comment describing the task: to print a string named "Bangladesh". The code defines a package `com.java_lab_54_assignment_1a` and a public class `Java_lab_54_Assignment_1A` with a `main` method that prints the string "Bangladesh". The output window on the right shows the execution result: `cd G:\Sumaia\OOP Lab\Java_lab_54_Assig` followed by `Bangladesh` on a new line. The status bar at the bottom indicates the file is at line 17:1 and the IDE is running on a Linux (LF) system.

```
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 /*Write a java program to print
5 a string named Bangladesh*/
6
7 package com.java_lab_54_assignment_1a;
8
9 public class Java_lab_54_Assignment_1A {
10
11     public static void main(String[] args) {
12         String country = "Bangladesh";
13         System.out.println(country);
14     }
15 }
16
17
```

```
cd G:\Sumaia\OOP Lab\Java_lab_54_Assig
Bangladesh
```

The screenshot shows the NetBeans IDE interface. The main editor window displays the source code for `Java_lab_54_Assignment_1B.java`. The code includes a comment describing the task: to find an 'a' character in a string named "Bangladesh". The code defines a package `com.mycompany.java_lab_54_assignment_1b` and a public class `Java_lab_54_Assignment_1B` with a `main` method that iterates through the string "Bangladesh" and prints each character. The output window on the right shows the execution result: `cd C:\Users\Maruf\Documents\NetBeansPr` followed by `a a` on a new line. The status bar at the bottom indicates the file is at line 19:1 and the IDE is running on a Linux (LF) system.

```
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 /*Write a java program to find an 'a' character
5 in a string named Bangladesh*/
6
7 package com.mycompany.java_lab_54_assignment_1b;
8
9 public class Java_lab_54_Assignment_1B {
10
11     public static void main(String[] args) {
12         String country = "Bangladesh";
13         char findChar = 'a';
14         for(int i=0;i<country.length();i++)
15         {
16             if(country.charAt(i)==findChar)
17                 System.out.print(findChar + " ");
18         }
19     }
20 }
```

```
cd C:\Users\Maruf\Documents\NetBeansPr
a a
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Java_lab_54_Assignment_1C - Apache NetBeans IDE 20
Search (Ctrl+I)
Java_lab_54_Assignment_1A.java x Java_lab_54_Assignment_1B.java x Java_lab_54_Assignment_1C.java x Java_lab_54_Assignment_1D.java x
Source History
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 /*Write a java program to find and count an 'a'
5 character in a string named Bangladesh*/
6
7 package com.java_lab_54_assignment_1c;
8
9 public class Java_lab_54_Assignment_1C {
10
11     public static void main(String[] args) {
12         String country = "Bangladesh";
13         char findChar = 'a' ;
14         int count = 0 ;
15         for(int i=0;i<country.length();i++){
16             if(country.charAt(i)==findChar){
17                 count++; }
18         }
19         System.out.println(count + " ");
20     }
21 }
```

cd G:\Sumaia\OOP Lab\Java_lab_54_Assig
2

22:1 INS Unix (LF)
20°C Haze 12:17 AM

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Java_lab_54_Assignment_1D - Apache NetBeans IDE 20
Search (Ctrl+I)
Java_lab_54_Assignment_1A.java x Java_lab_54_Assignment_1B.java x Java_lab_54_Assignment_1C.java x Java_lab_54_Assignment_1D.java x
Source History
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 /*Write a java program to replace an 'a'
5 character into a 'z' character
6 in a string named Bangladesh*/
7
8 package com.java_lab_54_assignment_1d;
9
10 public class Java_lab_54_Assignment_1D {
11
12     public static void main(String[] args) {
13         String country = "Bangladesh";
14         String country2 = country.replace('a', 'z');
15         System.out.println("Replaced String:" + country2);
16         System.out.println("Main String:" + country);
17     }
18 }
19
```

cd G:\Sumaia\OOP Lab\Java_lab_54_Assig
Replaced String:Bznglzdesb
Main String:Bangladesh

16:49 INS Unix (LF)
20°C Haze 12:31 AM