

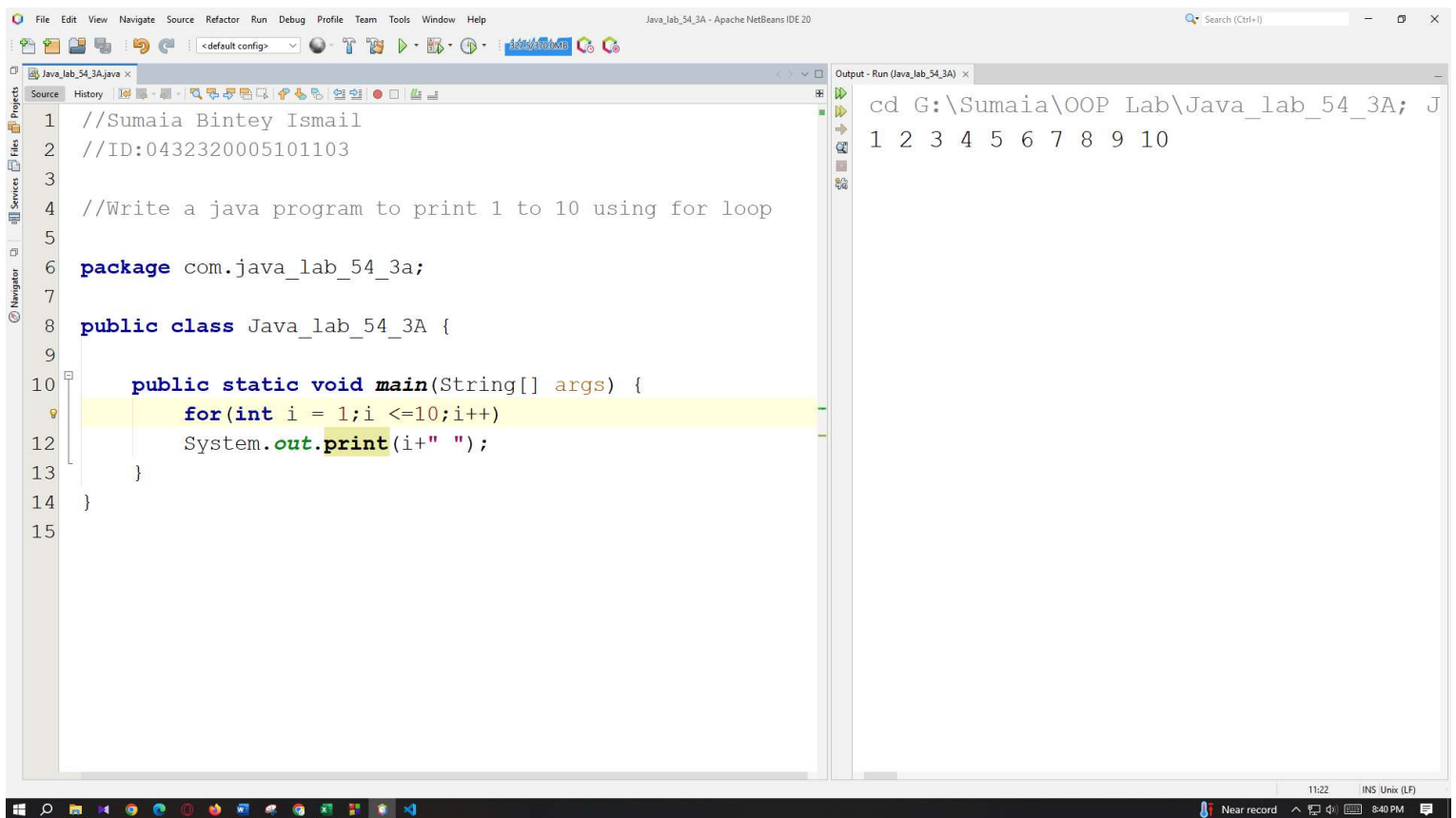
# Java Lab Report

## Object Oriented Programming Language CSE 152



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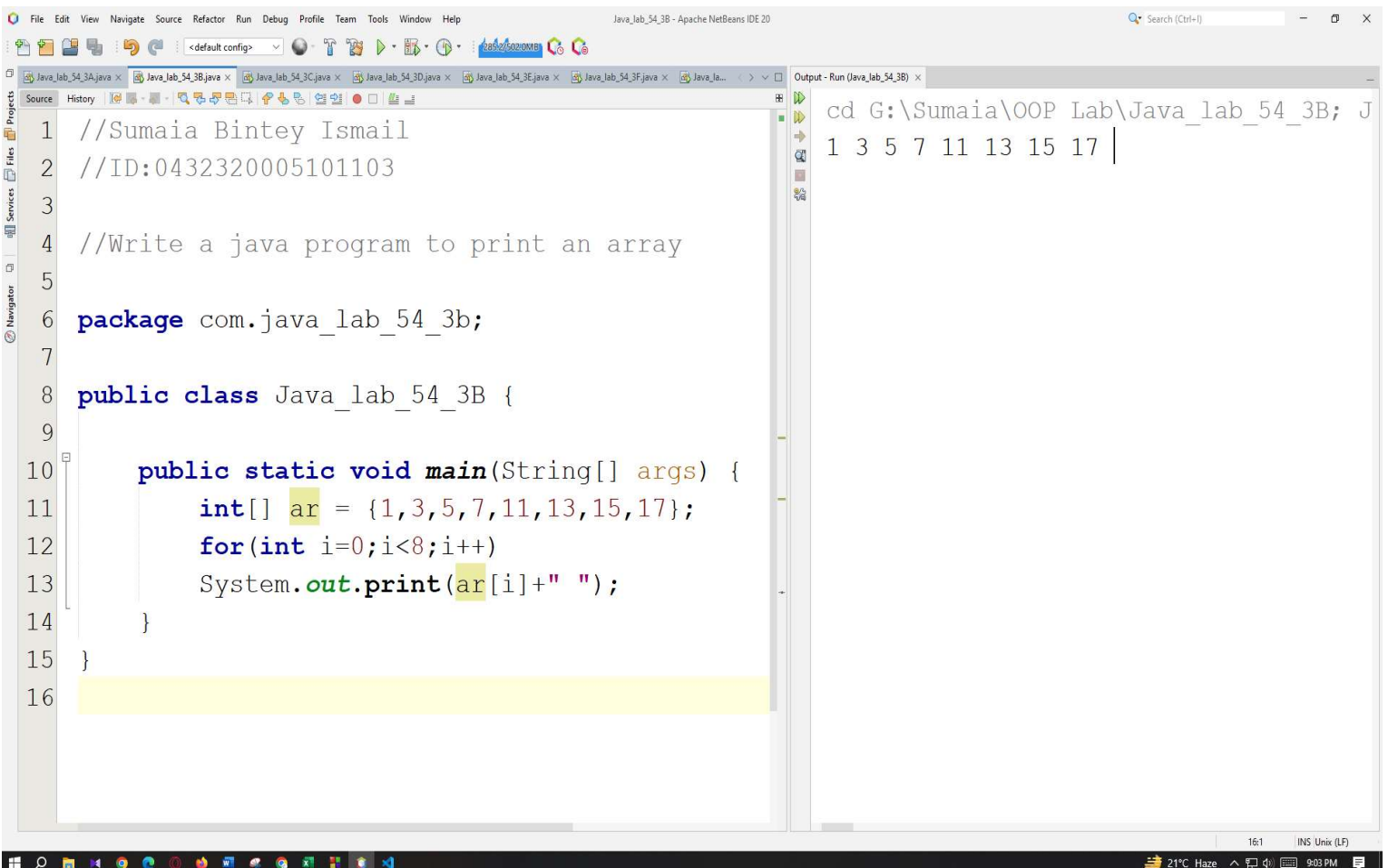


Java\_lab\_54\_3A.java

```
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 //Write a java program to print 1 to 10 using for loop
5
6 package com.java_lab_54_3a;
7
8 public class Java_lab_54_3A {
9
10     public static void main(String[] args) {
11         for(int i = 1;i <=10;i++)
12             System.out.print(i+" ");
13     }
14 }
15
```

Output - Run (Java\_lab\_54\_3A)

```
cd G:\Sumaia\OOP Lab\Java_lab_54_3A; J
1 2 3 4 5 6 7 8 9 10
```



Java\_lab\_54\_3B.java

```
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 //Write a java program to print an array
5
6 package com.java_lab_54_3b;
7
8 public class Java_lab_54_3B {
9
10     public static void main(String[] args) {
11         int[] ar = {1,3,5,7,11,13,15,17};
12         for(int i=0;i<8;i++)
13             System.out.print(ar[i]+" ");
14     }
15 }
16
```

Output - Run (Java\_lab\_54\_3B)

```
cd G:\Sumaia\OOP Lab\Java_lab_54_3B; J
1 3 5 7 11 13 15 17 |
```

The screenshot shows the NetBeans IDE with a Java file named `Java_lab_54_3C.java`. The code is as follows:

```
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 //Write a java program to print to sum up an array values
5
6 package com.java_lab_54_3c;
7
8 public class Java_lab_54_3C {
9
10     public static void main(String[] args) {
11         int[] ar = {1,3,5,7,11,13,15,17};
12         int sum = 0;
13         for(int i=0;i<8;i++)
14         {
15             sum = sum + ar[i];
16         }
17         System.out.print("Sum is: "+sum);
18     }
19 }
20
```

The output window on the right shows the command `cd G:\Sumaia\OOP Lab\Java_lab_54_3C; J` and the result `Sum is: 72`.

The screenshot shows the NetBeans IDE with a Java file named `Java_lab_54_3D.java`. The code is as follows:

```
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 //Write a java program to find a number in an array
5
6 package com.java_lab_54_3d;
7
8 public class Java_lab_54_3D {
9
10     public static void main(String[] args) {
11         int[] ar = {1,3,5,7,11,13,15,17};
12         for(int i=0;i<8;i++){
13             if(ar[i]%5==0)
14                 System.out.print(ar[i]+" ");
15         }
16     }
17 }
18
```

The output window on the right shows the command `cd G:\Sumaia\OOP Lab\Java_lab_54_3D; J` and the result `5 15`.

The screenshot shows the NetBeans IDE with the file `Java_lab_54_3E.java` open. The code is a Java program to find and count a number in an array. The output window shows the command `cd G:\Sumaia\OOP Lab\Java_lab_54_3E; J` and the number `2`.

```
//Sumaia Bintey Ismail
//ID:0432320005101103

//Write a java program to find and count a number in an array

package com.java_lab_54_3e;

public class Java_lab_54_3E {

    public static void main(String[] args) {
        int[] ar = {1,3,5,7,11,13,15,17};
        int count = 0;
        for(int i=0;i<8;i++){
            if(ar[i]%5==0){
                count++;
            }
        }
        System.out.print(count + " ");
    }
}
```

Output - Run (Java\_lab\_54\_3E) x

```
cd G:\Sumaia\OOP Lab\Java_lab_54_3E; J
2
```

The screenshot shows the NetBeans IDE with the file `Java_lab_54_3F.java` open. The code is a Java program to replace a number in an array. The output window shows the command `cd G:\Sumaia\OOP Lab\Java_lab_54_3F; J` and the array `1 3 10 7 11 13 10 17`.

```
//Sumaia Bintey Ismail
//ID:0432320005101103

//Write a java program to replace a number in an array

package com.java_lab_54_3f;

public class Java_lab_54_3F {

    public static void main(String[] args) {
        int[] ar = {1,3,5,7,11,13,15,17};
        int replace = 10;
        for(int i=0;i<8;i++){
            if(ar[i]%5==0){
                ar[i] = replace;
            }
        }
        System.out.print(ar[i] + " ");
    }
}
```

Output - Run (Java\_lab\_54\_3F) x

```
cd G:\Sumaia\OOP Lab\Java_lab_54_3F; J
1 3 10 7 11 13 10 17
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Java_lab_54_3G - Apache NetBeans IDE 20
Search (Ctrl-I)
Source History
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 /*Write a java program to print name and age of two human
5 by creating a class named Human*/
6
7 package com.java_lab_54_3g;
8
9 public class Java_lab_54_3G {
10
11     public static void main(String[] args) {
12         Human h1=new Human();
13         h1.name="Sumaia" ;
14         h1.age=22 ;
15         h1.printInfo();
16         Human h2=new Human();
17         h2.name="Samha" ;
18         h2.age=20 ;
19         h2.printInfo();
20     }
21 }
22
Output - Run (Java_lab_54_3G) x
cd G:\Sumaia\OOP Lab\Java_lab_54_3G; J
Name:Sumaia
Age:22
Name:Samha
Age:20
|
```

```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Java_lab_54_3H - Apache NetBeans IDE 20
Search (Ctrl-I)
Source History
1 //Sumaia Bintey Ismail
2 //ID:0432320005101103
3
4 /*Write a java program to print department name and id of a student
5 by creating a class named Student*/
6
7 package com.java_lab_54_3h;
8
9 public class Java_lab_54_3H {
10
11     public static void main(String[] args) {
12         Student s1 = new Student();
13         s1.dep = "CSE" ;
14         s1.id = 1103;
15         s1.printInfo();
16     }
17 }
18
Output - Run (Java_lab_54_3H) x
cd G:\Sumaia\OOP Lab\Java_lab_54_3H; J
Department Name:CSE
Student ID:1103
|
```