

Nama	: Cahyo Dwi Putro
NBI	: 1961900333
Kelas	: J4
Praktikum	: Pemrograman Berorientasi Objek
Tugas praktikum ke-2	

1. Cetak listing program dan hasil eksekusi mengisi sebuah file dengan nama dan NBI menggunakan class FileOutputStream.

```

import java.io.file;
import java.io.FileOutputStream;
import java.io.IOException;

```

```

public class PrintListingOutput {
    protected String[] dataArray = {"Cahyo Dwi Putro", "1961900333"};

```

```

    public void printListing() {
        for (String arr: dataArray) {
            System.out.println(arr);
        }
    }

```

```

    public void writeFile() {
        File file = new File("C:/outputFile.txt");
        String content = "Nama : " + dataArray[0] + "\n NBI : " + dataArray[1] + "\n";

```

```

        try (FileOutputStream fop = new FileOutputStream(file)) {
            if (!file.exists()) {
                file.createNewFile();
            }

```

```

            byte[] contentInBytes = content.getBytes();
            fop.write(contentInBytes);
            fop.flush();
            fop.close();

```

```

        } catch (IOException e) {
            e.printStackTrace();
        }
    }
}

```

```

public static void main (String[] args) {
    printListingOutput classprogram = new printListingOutput();
    classprogram.printListing();
    classprogram.writeFile();
}
}

```

Output - PrintListingOutput (run)

```

run:
CAHYO DWI PUTRO
1461900333
BUILD SUCCESSFUL (total time: 0 seconds)

```

> Local Disk (C:)	Users	01/04/2020 20:38	File folder	
> Local Disk (D:)	Windows	04/05/2020 17:08	File folder	
> USB Drive (E:)	xampp	14/04/2020 16:13	File folder	
> UEFI_NTFS (F:)	outputFile.txt	05/05/2020 9:33	Text Document	1 KB
> UEFI_NTFS (F:)	unstart.ini	11/04/2020 19:01	Configuration setti...	1 KB
> USB Drive (F:)				

outputFile.txt - Notepad

File Edit Format View Help

NAMA : CAHYO DWI PUTRO

NBI : 1461900333

2. Menghitung luas bangun datar Trapesium

```

public class MenghitungLuasTrapesium {
    public static void main (String[] args) {
        MenghitungTrapesium hitung = new MenghitungTrapesium();
    }
}

class MenghitungTrapesium {
    public MenghitungTrapesium() {
        int s1 = 10, s2 = 10, t = 10;
        float st = 0.5f, l;
        l = (s1+s2) * (st*t);
    }
}

```

```

System.out.println("Program menghitung luas Trapesium");
System.out.println("by Cahyo dwi putro - 1461900333");

```

System.out.println (" Sisi AB = " + s1);

System.out.println (" Sisi DC = " + s2);

System.out.println (" Tinggi = " + t);

System.out.println (" Luas = $AB + DC \times t : 2$ m
= $10 + 10 \times 10 : 2$ m
= " + l);

Output - MenghitungLuasTrapeسيوم (run)

run:

Program Menghitung Luas Trapezium
by Cahyo Dwi Putro - 1461900333

Sisi AB = 10

Sisi DC = 10

Tinggi = 10

Luas = $AB + DC \times t : 2$

= $10 + 10 \times 10 : 2$

= 100.0

BUILD SUCCESSFUL (total time: 0 seconds)