

# NITHIN R ASSIGNMENT 1

## School record

```
package com.prodapt.basics;

public class SchoolRecords {
    String schoolname ;
    int schoolid ;
    String schooladdress ;
    void addrecords() {
        schoolname = "MLM mamallan matric hr sec school";
        schoolid = 100;
        schooladdress = "chennai";
    }
    void displayallrecords() {
        System.out.println("schoolname is
\n"+schoolname);
        System.out.println("school id is \n"+schoolid);
        System.out.println("schooladdress is
\n"+schooladdress);
    }
}
```

## Test case

```
package com.prodapt.basics;

public class Testschool {

    public static void main(String[] args) {
        // TODO Auto-generated method stub
        SchoolRecords info = new SchoolRecords();
        info.addrecords();
        info.displayallrecords();
    }
}
```

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## OUTPUT

The screenshot shows the Eclipse IDE with the following components:

- Package Explorer:** Shows the project structure with 'com.prodapt.basics' containing 'SchoolRecords.java' and 'SimpleInterest.java'.
- Editor:** Displays the code for 'SchoolRecords.java':

```
1 package com.prodapt.basics;
2
3 public class SchoolRecords {
4     String schoolName;
5     int schoolId;
6     String schoolAddress;
7     void addrecords() {
8         schoolName = "MLM mamallan matric hr sec school";
9         schoolId = 100;
10        schoolAddress = "chennai";
11    }
12    void displayallrecords() {
13        System.out.println("schoolname is \n"+schoolName);
14        System.out.println("school id is \n"+schoolId);
15        System.out.println("schooladdress is \n"+schoolAddress);
16    }
17 }
18
19 }
20
```
- Outline:** Lists the classes and methods: 'SchoolRecords' with 'schoolName: String', 'schoolId: int', 'schoolAddress: String', 'addrecords(): void', and 'displayallrecords(): void'.
- Console:** Shows the output of the program:

```
<terminated> Testschool [Java Application] C:\Users\nithi\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_16.0.2.v20210721-1149\jre\bin\javaw.exe (09-Apr-2022, 1:20:50 pm - 1:20:50 pm)
schoolname is
MLM mamallan matric hr sec school
school id is
100
schooladdress is
chennai
```

The screenshot shows the Eclipse IDE with the following components:

- Package Explorer:** Shows the project structure with 'com.prodapt.basics' containing 'SchoolRecords.java', 'SimpleInterest.java', and 'Testschool.java'.
- Editor:** Displays the code for 'Testschool.java':

```
1 package com.prodapt.basics;
2
3 public class Testschool {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         SchoolRecords info = new SchoolRecords();
8         info.addrecords();
9         info.displayallrecords();
10    }
11
12 }
13
14 }
15
```
- Outline:** Lists the classes and methods: 'Testschool' with 'main(String[]): void'.
- Console:** Shows the output of the program:

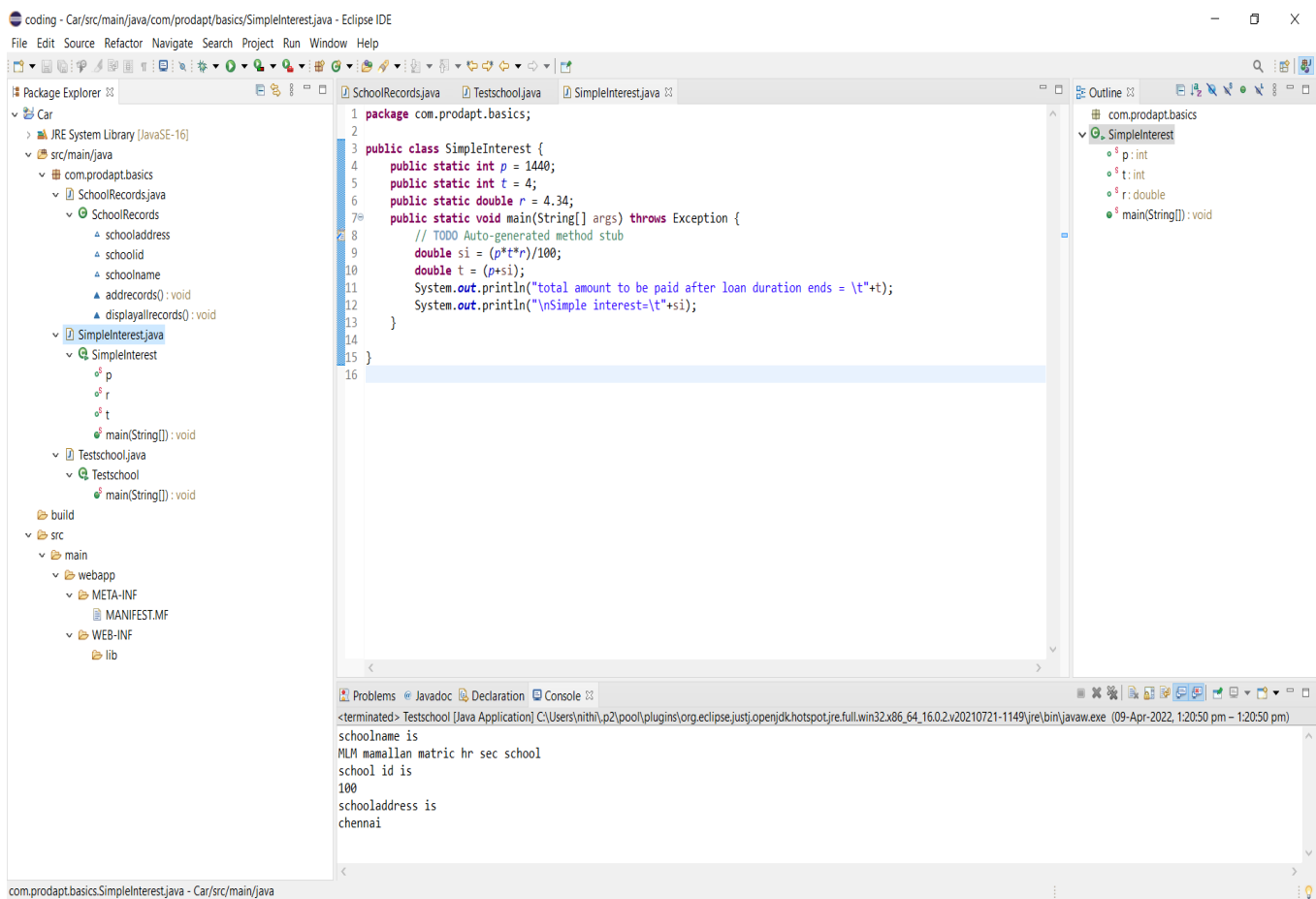
```
<terminated> Testschool [Java Application] C:\Users\nithi\p2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_16.0.2.v20210721-1149\jre\bin\javaw.exe (09-Apr-2022, 1:20:50 pm - 1:20:50 pm)
schoolname is
MLM mamallan matric hr sec school
school id is
100
schooladdress is
chennai
```

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## SIMPLE INTEREST

```
package com.prodapt.basics;
```

```
public class SimpleInterest {  
    public static int p = 1440;  
    public static int t = 4;  
    public static double r = 4.34;  
    public static void main(String[] args) throws  
Exception {  
        // TODO Auto-generated method stub  
        double si = (p*t*r)/100;  
        double t = (p+si);  
        System.out.println("total amount to be paid after  
loan duration ends = \t"+t);  
        System.out.println("\nSimple interest=\t"+si);  
    }  
}
```



# **NITHIN R ASSIGNMENT 1**

Github link: <https://github.com/NITHIN2000-GIT/week1Assesment.git>