

## Task1

```
package labtask2;

import java.util.Scanner;

public class Task1 {

    public static void main(String[] args) {

        //declaration of variables

        int interest, time;

        double amount, simple;

        Scanner read = new Scanner (System.in);

        //inputing data

        System.out.println("Enter The Principle Amount: ");
        amount = read.nextDouble();

        System.out.println("Enter The Rate of Interest: ");
        interest = read.nextInt();

        System.out.println("Enter The Duration: ");
        time = read.nextInt();

        //calulation

        simple = (amount * interest *time)/100;

        //display result

        System.out.println("For principle amount MYR" + amount + " with rate of " + interest + "%" + " and the time duration of " + time + "years" + " the simple interest is MYR" + simple );
```

```
}
```

```
}
```

Task2

//Name-Tasfique

//Task2

```
package labtask2;
```

```
import java.util.Scanner;
```

```
public class Task2 {
```

```
    public static void main(String[] args) {
```

```
        //declaration of variables
```

```
        double meal, tax, total, newtax, newtotal, tip;
```

```
        Scanner read = new Scanner (System.in);
```

```
        //inputing data
```

```
        System.out.println("Enter Meal Charge: ");
```

```
        meal = read.nextDouble();
```

```

System.out.println("Enter Tax Rate (%): ");
tax = read.nextDouble();

//calculation
newtax = tax/100;
total = meal * newtax;
newtotal = meal + total;
tip = newtotal * 0.15;

//display result
System.out.println("Total charge is MYR" + newtotal);
System.out.println("Tip amount is MYR" + tip);
}
}

```

### Task3

```
//Name-Tasfique
```

```
//Task3
```

```
package labtask2;
```

```
import java.util.Scanner;
```

```
public class Task3 {
```

```
    public static void main(String[] args) {
```

```
        System.out.println("MILEAGE REIMBURSEMENT CALCULATOR");
```

```
        System.out.println("-----");
```

```
//declaration of variables

double start, end, travel, reim;

Scanner read = new Scanner (System.in);


//inputing data

System.out.println("Enter beginning odometer reading: ");
start = read.nextDouble();

System.out.println("Enter ending odometer reading: ");
end = read.nextDouble();


//calculation

travel = end-start;
reim = 0.65 * travel;


//display result

System.out.println("You traveled " + travel + " kilometers. ");

System.out.println("At RM0.65 per kilometer, your reimbursement is RM"
+ reim);

}

}
```