

**Assignment 1 :**

```
import java.util.Scanner;

public class HWDiv{

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter num : ");

        int num = sc.nextInt();

        if( ((num %5)==0) && ((num %7) ==0)){

            System.out.printf("Number %d is divisible by 5 & 7!",num);

        }

        else{

            System.out.printf("Number %d is not divisible by 5 & 7!",num);

        }

        sc.close();

    }

}
```

## **Assignment 2 :**

```
import java.util.Scanner;

public class HWLeapYear{

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter year : ");

        int year = sc.nextInt();

        if((year%4)==0){

            System.out.printf("%d is a leap year!",year);

        }

        else{

            System.out.printf("%d is not a leap year!",year);

        }

        sc.close();

    }

}
```

### **Assignment 3 :**

```
import java.util.Scanner;

public class HWDayofWeek {

    public static void main(String[] args) {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter Day (1/2/3/4/5/6/7) : ");

        int day = sc.nextInt();

        if(day == 1){
            System.out.println("Sunday");
        }
        else if(day == 2){
            System.out.println("Monday");
        }
        else if(day == 3){
            System.out.println("Tuesday");
        }
        else if(day == 4){
            System.out.println("Wednesday");
        }
        else if(day == 5){
            System.out.println("Thursday");
        }
    }
}
```

```
else if(day == 6){  
    System.out.println("Friday");  
}  
else if (day == 7){  
    System.out.println("Saturday");  
}  
else{  
    System.out.println("Invalid Input!");  
}  
sc.close();  
}  
}
```