

1. To read student details and calculate average

The screenshot shows a web browser window with the URL `onecompiler.com/java/3yj5dd5kb`. The page title is "ScannerDemo1.java". The code editor contains the following Java code:

```
1 import java.util.Scanner;
2 public class ScannerDemo1
3 {
4     public static void main(String[] args)
5     {
6         Scanner sc = new Scanner(System.in);
7         String name = sc.nextLine();
8         int age = sc.nextInt();
9         int subject_1_mark = sc.nextInt();
10        int subject_2_mark = sc.nextInt();
11        int subject_3_mark = sc.nextInt();
12        int average = (subject_1_mark + subject_2_mark + subject_3_mark)/3;
13        System.out.println("Name : "+name);
14        System.out.println("Age : "+age);
15        System.out.println("subject_1_mark : "+subject_1_mark);
16        System.out.println("subject_2_mark : "+subject_2_mark);
17        System.out.println("subject_3_mark : "+subject_3_mark);
18        System.out.println("Average "+average);
19    }
20 }
```

The right-hand side of the interface shows the input and output. The "STDIN" section contains the input: `krithiksha G`, `20`, and `90`. The "Output:" section shows the program's output: `Name : krithiksha G`, `Age : 20`, `subject_1_mark : 90`, `subject_2_mark : 89`, `subject_3_mark : 95`, and `Average 91`.

2. To check the time and turn the light on or off

The screenshot shows the same online Java compiler interface. The code editor contains the following Java code:

```
1 import java.util.Scanner;
2 public class ScannerDemo1
3 {
4     public static void main(String[] args)
5     {
6         Scanner sc = new Scanner(System.in);
7         int time = sc.nextInt();
8         if(time >= 6 & time <= 11)
9         {
10            System.out.println("lights on ");
11        }
12        else
13        {
14            System.out.println("lights off ");
15        }
16    }
17 }
```

The right-hand side of the interface shows the input and output. The "STDIN" section contains the input: `7`. The "Output:" section shows the program's output: `lights on`.

ScannerDemo1.java + 3yj5dd5kb NEW JAVA RUN

```
1 import java.util.Scanner;
2 public class ScannerDemo1
3 {
4     public static void main(String[] args)
5     {
6         Scanner sc = new Scanner(System.in);
7         int time = sc.nextInt();
8         if(time >= 6 & time <= 11)
9         {
10             System.out.println("lights on ");
11         }
12         else
13         {
14             System.out.println("lights off ");
15         }
16     }
17 }
```

STDIN
5

Output:
lights off

3. To check if number is multiple of 3 or not

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ScannerDemo1.java + 3yj5dd5kb NEW JAVA RUN

```
1 import java.util.Scanner;
2 public class ScannerDemo1
3 {
4     public static void main(String[] args)
5     {
6         Scanner sc = new Scanner(System.in);
7         int number = sc.nextInt();
8         if(number%3 == 0)
9         {
10             System.out.println("The number "+number+" is multiple of 3");
11         }
12         System.out.println("The number is checked");
13     }
14 }
```

STDIN
10

Output:
The number is checked

```
STDIN
9
```

Output:

The number 9 is multiple of 3
The number is checked

ScannerDemo1.java + 3y5dd5kb NEW JAVA RUN

```
STDIN
3
7
5
```

Output:

B is maximum

5. water consumption tax policy

ScannerDemo1.java

NEW

JAVA

RUN

```
1 import java.util.Scanner;
2 public class ScannerDemo1
3 {
4     public static void main(String[] args)
5     {
6         Scanner sc = new Scanner(System.in);
7         int water_consumed = sc.nextInt();
8         if(water_consumed==45)
9         {
10             System.out.println("tax: NO TAX ");
11         }
12         else if(water_consumed >45 && water_consumed<75)
13         {
14             System.out.println("tax: 475 ");
15         }
16         else if(water_consumed>75 && water_consumed<125)
17         {
18             System.out.println("tax: 750 ");
19         }
20         else if(water_consumed>125 && water_consumed<200)
21         {
22             System.out.println("tax: 1225 ");
23         }
24         else if(water_consumed>200 && water_consumed<350)
25         {
26             System.out.println("tax: 1650 ");
27         }
28         else if(water_consumed>350)
29         {
30             System.out.println("tax: 2000 ");
31         }
32     }
33 }
```

STDIN

199

Output:

tax: 1225

Activate Windows
Go to Settings to activate Windows.

ScannerDemo1.java

NEW

JAVA

RUN

```
1 import java.util.Scanner;
2 public class ScannerDemo1
3 {
4     public static void main(String[] args)
5     {
6         Scanner sc = new Scanner(System.in);
7         int water_consumed = sc.nextInt();
8         if(water_consumed==45)
9         {
10             System.out.println("tax: NO TAX ");
11         }
12         else if(water_consumed >45 && water_consumed<75)
13         {
14             System.out.println("tax: 475 ");
15         }
16         else if(water_consumed>75 && water_consumed<125)
17         {
18             System.out.println("tax: 750 ");
19         }
20         else if(water_consumed>125 && water_consumed<200)
21         {
22             System.out.println("tax: 1225 ");
23         }
24         else if(water_consumed>200 && water_consumed<350)
25         {
26             System.out.println("tax: 1650 ");
27         }
28         else if(water_consumed>350)
29         {
30             System.out.println("tax: 2000 ");
31         }
32     }
33 }
```

STDIN

45

Output:

tax: NO TAX

Activate Windows
Go to Settings to activate Windows.

6. To design program to calculate the fine for N days

ScannerDemo1.java + 3yj5dd5kb NEW JAVA RUN

```
1 import java.util.Scanner;
2 public class ScannerDemo1
3 {
4     public static void main(String[] args)
5     {
6         Scanner sc = new Scanner(System.in);
7         int days = sc.nextInt();
8         if(days<5 && days>1)
9         {
10             System.out.println("Rs 1 per day-->total Rs= "+ days*1);
11         }
12         else if(days>5 && days<10)
13         {
14             System.out.println("Rs 5 per day-->total Rs= "+ days*5);
15         }
16         else if(days>10)
17         {
18             System.out.println("Rs 10 per day-->total Rs= "+ days*10);
19         }
20     }
21 }
```

STDIN
4

Output:
Rs 1 per day-->total Rs= 4

ScannerDemo1.java + 3yj5dd5kb NEW JAVA RUN

```
1 import java.util.Scanner;
2 public class ScannerDemo1
3 {
4     public static void main(String[] args)
5     {
6         Scanner sc = new Scanner(System.in);
7         int days = sc.nextInt();
8         if(days<5 && days>1)
9         {
10             System.out.println("Rs 1 per day-->total Rs= "+ days*1);
11         }
12         else if(days>5 && days<10)
13         {
14             System.out.println("Rs 5 per day-->total Rs= "+ days*5);
15         }
16         else if(days>10)
17         {
18             System.out.println("Rs 10 per day-->total Rs= "+ days*10);
19         }
20     }
21 }
```

STDIN
8

Output:
Rs 5 per day-->total Rs= 40