

```
/*Check Odd and Even number
```

```
ex- Input->      a=19
   Output->      a is odd number

   Input->      a=10
   Output->      a is even number
```

```
*/
```

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

```
class Odd_Even
```

```
{
```

```
    void disp()
```

```
    {
```

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

```
        System.out.println("Enter the value of 'a' = ");
```

```
        int a=s.nextInt();
```

```
        if(a%2==0)           // check remainder (%) (modulo/percentage) is divisible by Two(2) or not.
```

```
        {
```

```
            System.out.println("'a' is even number = "+a);
```

```
        }
```

```
        else
```

```
        {
```

```
            System.out.println("'a' is odd number = "+a);
```

```
        }
```

```
    }
```

```
}
```

```
class Odd_Even_Main
```

```
{
```

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

```
    {
```

```
        Odd_Even obj1=new Odd_Even();
```

```
        obj1.disp();
```

```
    }
```

```
}
```

Output

```
C:\Users\Dhruv\Desktop\Java>java Odd_Even_Main
Enter the value of 'a' =
18
'a' is even number = 18

C:\Users\Dhruv\Desktop\Java>java Odd_Even_Main
Enter the value of 'a' =
99
'a' is odd number = 99
```