

9. Write a program in Java using a for loop to print all the odd and even number up to 30 terms.

```
// add odd and even number in b/w range
import java.util.Scanner;

public class addeveodd {
    Run | Debug
    public static void main(String[] args){
        int a;
        int add1 = 0;
        int add2 = 0;

        Scanner s = new Scanner(System.in);
        System.out.println(x:"enter the range:");
        a = s.nextInt();

        for(int i=0; i<=a; i++){
            if(i % 2 == 0){
                add1 = add1 + i;
            }
            else{
                add2 = add2 + i;
            }
        }

        // print even number addition
        System.out.println("add of even:"+ add1);
        // print the odd number addition
        System.out.println("add of odd:"+ add2);
    }
}
```

Output:

```
enter the range:
30
add of even:240
add of odd:225
```

