**Date : 19-01-2026**

```
import static java.lang.System.out;
import java.util.*;


public class FirstDemo {

	public static void main(String[] args) {


		Scanner sc = new Scanner(System.in);
		System.out.println("Enter a number: ");
		int no= sc.nextInt();
		//palindrome(no);
		//oddseries(4,20);
		//fibonacci(4);
		fun(no);


	}


	public static  void palindrome(int no) {


		int temp=no;
		int rev=0;

		while(temp!=0) {
			int rem =temp%10;
			rev=rev*10+rem;
			temp = temp/10;
		}
		if(rev==no) {
			System.out.println("Number is plaindrome");
		}else {
			System.out.println("Number is not plaindrome");
		}
	}


	public static  void fun(int no) {
//
```

```
//		if(no%3==0)
//			System.out.println("fun ");
//		if(no%7==0)
//			System.out.println("buzz ");


		if(no%3==0 && no%7==0)
			System.out.println("funbuzz");
		else if(no%7==0)
			System.out.println("buzz ");
		else if(no%3==0)
			System.out.println("fun");



	}

	public static void oddseries(int strt, int end) {

		System.out.println("Odd numbers: ");
//		for(int i=strt;i<=end;i++) {
//			if(i%2!=0)
//				System.out.println(i);
//		}

		if(strt%2==0) {
			for(int i=strt+1;i<=end;i++) {
					System.out.println(i);
					i++;
			}
		}
		else {
			for(int i=strt;i<=end;i++) {
				System.out.println(i);
				i++;
		}
		}
	}

	public static void fibonacci(int no) {
		int arr[]=new int[no];
		arr[0]=0;
		arr[1]=1;
		if(no==0)
```

```
                System.out.println("0 ");
        if(no==1)
                System.out.println("1 ");
        if(no>2) {
                System.out.print("0 1 ");
                for(int i=2;i<no;i++) {
                        arr[i]=arr[i-2]+arr[i-1];
                        System.out.print(arr[i]+ " ");
                }
        }
    }


}
```