Coding Test

Q.1 Accept a number from user - if it is divisible by 3 print “fun” , if it is divisible by 7 print “buzz” and if it is divisible by both(3,7) print “fun -buzz” .

```
public class Que1 {
public static void printNum(int num) {
if(num%3==0) {
System.out.print("fun ");
}
if(num%7==0) {
System.out.println("buzz");
}
}
public static void main(String args[]) {
Que1.printNum(21);
Que1.printNum(49);
Que1.printNum(15);
}
}
```

Q.2 Accept a start number from user and end number from user. Print all odd number between start and end number. [Two Answer]

```
public class Que2 {
	public static int findOdd(int s, int e) {
		for(int i=s;i<=e;i++) {
			if(i%2!=0) {
				System.out.print(" "+i);
			}
		}
		return 0;
	}
	public static void main(String args[]) {
		Que2.findOdd(4, 40);
	}
}
```

Q.3 Accept a number from user and check if it is palindrome number or not eg (121)

```
public class Que3 {
 public static void isPallindrome(int num) {
		int original = num;
		int rev = 0;
		while(num!=0) {
			int rem = num%10;
			rev = rev * 10 + rem;
			num = num/10;
		}
		if(rev == original) {
			System.out.println(original+" is pallindrome number");
		}
		else {
			System.out.println(original+" is not a pallindrome number");
```

```
        }
}
public static void main(String args[]) {
        Que3.isPallindrome(123);
}
}
```

Q.4 Accept a term from user and print Fibonacci series.

```
public class Que4 {
public static void printFibonacci(int n) {
        int a =0;
        int b = 1;
        System.out.print(a+" "+b);
        for(int i=1;i<=n-2;i++) {
                int c=a +b;
                System.out.print(" "+c);
                a=b;
                b=c;
        }
}
public static void main(String args[]) {

        Que4.printFibonacci(7);
}
}
```