Q1

```
package logic;

import java.util.*;

public class Q1 {

	public static void FunBuzz(int n)
	{
		int r3= n%3;
		int r7= n%7;

		if(r3==0)
			System.out.print("fun ");
		if(r7==0)
			System.out.print("buzz ");
	}

	public static void main(String[] args) {

		System.out.println("Enter a number: ");
		Scanner sc = new Scanner(System.in);
		int n = sc.nextInt();
		Q1.FunBuzz(n);

	}

}
```

```
package logic;

import java.util.*;

public class Q1 {

	public static void FunBuzz(int n)
	{
		int r3= n%3;
		int r7= n%7;

		if(r3==0 && r7==0)
			System.out.println("fun buzz");
		else if(r3==0)
```

```
                System.out.println("fun");
            else if(r7==0)
                System.out.println("buzz");

        }

        public static void main(String[] args) {

            System.out.println("Enter a number: ");
            Scanner sc = new Scanner(System.in);
            int n = sc.nextInt();
            Q1.FunBuzz(n);

        }

}
```

Q2

```
package logic;

import java.util.Scanner;

public class Q4OddBetween {

        public static void printOdd(int start, int end)
        {
            if(start%2==0)
                start++;
            for(int i=start;i<=end;i=i+2)
            {
                System.out.print(i+" ");
            }
        }

        public static void main(String[] args) {

            System.out.println("Enter start number: ");
            Scanner sc = new Scanner(System.in);
            int s = sc.nextInt();
            System.out.println("Enter end number: ");
            int e = sc.nextInt();
            Q4OddBetween.printOdd(s,e);
```

```
	}

}
```

```
package logic;

import java.util.Scanner;

public class Q4OddBetween {

	public static void printOdd(int start, int end)
	{
		for(int i=start;i<=end;i++)
		{
			if(i%2!=0)
				System.out.print(i+" ");
		}
	}

	public static void main(String[] args) {

		System.out.println("Enter start number: ");
		Scanner sc = new Scanner(System.in);
		int s = sc.nextInt();
		System.out.println("Enter end number: ");
		int e = sc.nextInt();
		Q4OddBetween.printOdd(s,e);

	}

}
```

Q3

```
package logic;

import java.util.Scanner;

public class Q2 {

	public static boolean isPalindrome(int n)
	{
		int N=n;
		int temp=0;
```

```
		while(n>0)
		{
			temp=temp*10+n%10;
			n=n/10;
		}
		if(temp==N)
			return true;
		else
			return false;
	}

	public static void main(String[] args) {

		System.out.println("Enter a number: ");
		Scanner sc = new Scanner(System.in);
		int n = sc.nextInt();
		if(Q2.isPalindrome(n))
			System.out.println("the number "+n+" is a palindrome");
		else
			System.out.println("the number "+n+" is not a palindrome");

	}

}
```

Q4

```
package logic;

import java.util.Scanner;

public class Q3fibonacci {

	public static void printFib(int n)
	{
		if(n==1)
			System.out.println("0");
		else if(n==2)
			System.out.println("0 1");
		else
		{
			System.out.print("0 1 ");
			int a=0;int b=1;int c=0;
			for(int i=0;i<n-2;i++)
```

```
                {
                        c=a+b;
                        a=b;
                        b=c;
                        System.out.print(c+" ");
                }
        }
    }

    public static void main(String[] args) {

        System.out.println("Enter a number: ");
        Scanner sc = new Scanner(System.in);
        int n = sc.nextInt();
        Q3fibonacci.printFib(n);

    }

}
```