Question 1

```
package MyPack;

import java.util.Scanner;

public class Divisible {

	public static void main(String[] args) {

		Scanner sc =new Scanner(System.in);

		System.out.println("Enter a number");

		int num=sc.nextInt();



//		if(num%3==0)
//			System.out.print("Fun ");
//
//		if(num%7==0)
//			System.out.println("BuZZ");



		if (num%3==0 && num%7==0)
		{
			System.out.println("Fun Buzz");
		}
		else if(num%3==0)
		{
			System.out.println("Fun");
		}
		else if(num%7==0)
		{
			System.out.println("Buzz");
		}

	}

}
```

Question 2

```
package MyPack;
import java.util.Scanner;
class MyClass
{
	public static void odd(int s,int e)
	{
		boolean b=isODD(s);
		if(b==false)
			s=s+1;

		for(int i=s;i<=e;i=i+2)
		{
			System.out.print(i+" ,");
		}


	}

	public static boolean isODD(int n)
	{
		return n%2!=0;
	}

//	public static void odd2(int s1,int e1)
//	{
//		for(int i=s1;i<=e1;i++)
//		{
//			if(s1%2!=0)
//			System.out.print(i+" ,");
//		}
//	}
}

public class PrintOdd {

	public static void main(String[] args)
	{

		Scanner sc=new Scanner(System.in);

		System.out.println("Enter starting number");
		int start =sc.nextInt();

		System.out.println("Enter starting number");
		int end =sc.nextInt();

		if(start >0)
```

```
            {
                  MyClass.odd(start,end);
            }

      }

}
```

Question 3

```
package MyPack;
import java.util.Scanner;


class PalindromeCheck
{
      public static int isPalindrome(int no)
      {
            int n,rev=0;
            n=no;

            while(n>0)
            {
                  int r = n%10;
                  rev=rev*10+r;
                  n=n/10;
            }

            return rev;

      }
}
public class Palindrome {

      public static void main(String[] args)
      {

      Scanner sc = new Scanner(System.in);

      System.out.println("Enter a number");

      int num=sc.nextInt();
```

```
      int b=PalindromeCheck.isPalindrome(num);

      if (b==num)
      {
       System.out.println("The number is Palindrome");
      }
      else
      {
       System.out.println("the number is not palindrome");
      }
      }
}
```

Question 4

```
package MyPack;
import java.util.Scanner;

class FibonacciSeries
{
      public static void series(int n)
      {
            int a=0;
            int b=1;

            System.out.print(a+","+b);

            while(n>2)
            {
                  int c=a+b;
                  System.out.print(","+c);
                  a=b;
                  b=c;
                  n--;
            }
      }
}

public class Fibonacci {

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

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

            System.out.println("Enter a number to generate
fibonacci series :");

            int num = sc.nextInt();

            if (num==0)
            {
                  System.out.println("the series is :"+ " "+0);
            }
            else
            {

            FibonacciSeries.series(num);
            }

      }

}
```