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Q1.

```
package demo1;
```

```
import java.util.Scanner;
```

```
public class T1 {
```

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

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

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

```
        int no=sc.nextInt();
```

```
        if(no%3==0 && no%7==0) {
```

```
            System.out.println("fun buzz");
```

```
        }
```

```
        else if(no%3==0) {
```

```
            System.out.println("fun");
```

```
        }
```

```
        else if(no%7==0) {
```

```
            System.out.println("buzz");
```

```
        }
```

```
        else {
```

```
            System.out.println("Invallid number");
```

```
        }
```

```
    }
```

```
}
```

Answer2:

```
package demo1;
```

```
import java.util.Scanner;
```

```
public class T1 {
```

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

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

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

```
        int no=sc.nextInt();
```

```
        if(no%3==0) {
```

```
            System.out.println("fun");
```

```
        }
```

```
        if(no%7==0) {
```

```
            System.out.println("buzz");
```

```
        }
```

```
        else {
```

```
            System.out.println("Invallid number");
```

```
        }
```

```
    }
```

```
}
```

Q2.

```
package demo1;
```

```
import java.util.Scanner;
```

```
public class T2 {
```

```
    public static void main(String[] args) {  
        Scanner sc=new Scanner(System.in);  
        System.out.println("Enter a start");  
        int start=sc.nextInt();  
        System.out.println("Enter a end");  
        int end=sc.nextInt();  
        for(int i=start;i<end;i++) {  
            if(i%2!=0) {  
                System.out.println(i);  
            }  
        }  
    }
```

```
}
```

Q3.

```
package demo1;
```

```
import java.util.Scanner;
```

```
public class T3 {
```

```
    public static void main(String[] args) {  
        Scanner sc=new Scanner(System.in);
```

```

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

        int no=sc.nextInt();

        int res,rev=0;

        int original=no;

        while(no!=0) {

            res=no%10;

            rev=rev*10+res;

            no=no/10;

        }

        if(original==rev) {

            System.out.println("number is pallindrome");

        }

        else {

            System.out.println("number is not pallindrome");

        }

    }

}

```

Q4.

```
package demo1;
```

```
import java.util.Scanner;
```

```
public class T4 {
```

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

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

```
        System.out.println("Enter how many number");
```

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

```
int a=0;
```

```
int b=1;
```

```
if(s>1)
```

```
    System.out.println(a);
```

```
if(s>2)
```

```
    System.out.println(b);
```

```
for(int i=1;i<=s-2;i++) {
```

```
    int c=a+b;
```

```
    System.out.println(c);
```

```
    a=b;
```

```
    b=c;
```

```
}
```

```
}
```

```
}
```