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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("Invalid 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;
}

}

}

}
```