Q1]

```
import java.util.*;

// 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” . [ Two answer]

public class Main {

public static void div(int x) {
if (x % 3 == 0 && x % 7 == 0) {
System.out.println("Fun Buzz");
}

else if (x % 3 == 0) {
System.out.println("Fun");
}

else if (x % 7 == 0) {
System.out.println("Buzz");
}
}

public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter a number: ");
int a = sc.nextInt();
div(a);
}
}
```

```
import java.util.*;

// 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” . [ Two answer]

public class Main {

public static void div(int x) {

if (x % 3 == 0) {
System.out.println("Fun");
}

if (x % 7 == 0) {
System.out.println("Buzz");
}
}

public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter a number: ");
int a = sc.nextInt();
div(a);
}
```

```
}
```

Q2]

```
import java.util.*;

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

public class Main {

public static void odd(int s, int e) {
for (int i = s; i <= e; i = i+2) {
if (i % 2 != 0) {
System.out.println(i);
}
}
}

public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter start number: ");
int a = sc.nextInt();
System.out.println("Enter end number: ");
int b = sc.nextInt();
odd(a, b);
}
}
```

```
import java.util.*;

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

public class Main {

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.println(i);
}
}
}

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

public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter start number: ");
int a = sc.nextInt();
```

```
System.out.println("Enter end number: ");
int b = sc.nextInt();
odd(a, b);
}
}
```

Q3]

```
import java.util.*;

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

public class Main {

public static boolean palindrome(int x) {
int rem, n, rev = 0;
n = x;

while (x != 0) {
rem = x % 10;
rev = rev * 10 + rem;
x = x / 10;
}

if(n == rev) {
System.out.println("Palindrome");
return true;
}
else {
System.out.println("Not Palindrome");
return false;
}
}

public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter a number: ");
int a = sc.nextInt();
palindrome(a);
}
}
```

Q4]

```
import java.util.*;

//Accept a term from user and print Fibonacci series.

public class Main {

public static void fibo(int n) {
int x, y, z;
x = 0;
y = 1;
System.out.print(x + " " + y);
if (n > 2) {
```

```
for (int i = 0; i < n - 2; i++) {
z = x + y;
System.out.print(" " + z);
x = y;
y = z;
}
}
}

public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
System.out.println("Enter a number: ");
int a = sc.nextInt();
fibo(a);
sc.close();
}
}
```