

**1) 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]**

```
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("Funbuzz");

else if(num%7==0)

    System.out.println("buzz");

else

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

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

```
public static boolean isodd(int num)

{

    return num%2!=0;

}

public static void printOdd(int start, int end)
```

```

    {
        if(start%2==0)
            start=start+1;

        for (int i = start; i <= end; i=i+2)
        {

            System.out.print(i + " ");

        }
    }

public static void main(String[] args)
{

    Scanner sc = new Scanner(System.in);
    System.out.println("Enter first number: ");
    int num1 = sc.nextInt();
    System.out.println("Enter second number: ");
    int num2 = sc.nextInt();
    printOdd(num1,num2);
    for(int i=num1;i<=num2;i++)
    {
        if(i%2!=0)
            System.out.println(i+" ");
    }
}

```

```
}
```

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

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

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

    int num = sc.nextInt();

    int org = num;

    int rev = 0;

    while(num!=0)

    {

        int digit = num%10;

        rev = rev*10 + digit;

        num = num/10;

    }

    if(org==rev)

        System.out.println("It is a palindrome");

    else

        System.out.println("It is not a palindrome");
```

### **4) Accept a term from user and print Fibonacci series.**

```
package mypack;
```

```
import java.util.*;
```

```
public class firsttest
```

```
{
```

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

```
    {
```

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

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

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

```
        int a = 0;
```

```
        int b = 1;
```

```
        for(int i=0;i<=num-1;i++)
```

```
        {
```

```
            System.out.print(a + " ");
```

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

```
            a=b;
```

```
            b=c;
```

```
        }
```

```
    }
```

```
}
```

