

**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;  
        }  
    }  
}
```

