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Assignment - 3

1) package Lab_3;

```
public class ReverseNumber {
    public static void main(String []args) {
        int i=9;
        System.out.println("Natural Number in
                    Reverse Order");
        While (i>0) {
            System.out.println(i);
            i--;
        }
    }
}
```

2) Package Lab3;

```
import java.util.Scanner;
public class SumEvenOdd {
    public static void main (String []args) {
        Scanner sc = new Scanner (System.in);
        System.out.println ("Enter the value of
                    n!");
        int n = sc.nextInt;
        int even = 0;
        int odd = 0;
```

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```
for (int i=1 ; i<=n ; i++) {
        if(i%2 ==0){
            even = even+i;
        }else {
            odd =add+i;
        }.
    System.out.println ("Sum of even no.s" +even);
    System.out.println ("sum of add no.s" +add);
```

3)

```
package lab-3;
import java.util.scanner;
public class swapNumber {
        public static void main (String [] args) {
    Scanner sc = new Scanner (system.in);
    System.out.print ("Enter the number: ");
    int num = sc.nextInt ();
    System.out.print ("Entered number: "+num);
    int count = 0;
    int temp =num;
    int last = num%10;
    while (num >10) {
            count ++;
            num = num/10;
    }
```

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```
    int first = num;
     num = temp;
    num = num/10;
    int p = (int) Math.pow (10, count -1);
    int middle = num % p;
    int x = first * middle * 10 + last * (int)
                    Math.pow (10, count);
    System.out.println ("Number after Conversation: "+x);
  }
}
```

4) Package lab-3;

```
import java.util.Scanner;
public class Palindrome {
    public static void main (String [] args) {
        Scanner sc = new Scanner (System.in);
        system.out.print ("Enter the number:");
        int num = sc.nextInt();
        int original = num;
        int number = 0;
        int reverse = 0;
        while (num != 0){
                number = num % 10
                reverse = reverse * 10 + number;
                num = num/10;
        }
```

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```
If (original== reverse) {
        System.out.println("Number"+ original +"
    is a Palendrome number");
    } else {
        System.out.println("Number"+ original+" is
            not a Palindrome number");
    }
  }
}
```

(7) Package Lab_3;

```
import java.util.Scanner;
public class Series {
    public static void main (String[] args) {
        Scanner sc= new Scanner(System.in);
        int sum, eto;
        int i, m, mm, nn;
        sum = sum + nn;
        m = m * (-1);
    }
    System.out.println("The Sum is:"+ sum);
  }
}
```

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8)
```
Package Lab_3;
public class ASCIIpattern{
    public static void main(String[] args){
        char ch = 65;
        int rows = 4;
    for(int i=1; i<=rows; i++){
        for(int j=rows; j>=i; j--){
            System.out.print("  ");
        }
    for(int m=1; m<i; m++){
        System.out.print(--ch);
    }
    System.out.println();
    }
}
```