**Avg Number using array:**

package Assignment2;

public class avgnumusingArray {

public static void main(String[] args) {

double[] arr = {1, 2, 3, 4, 5};

double total = 0;

for(int i=0; i<arr.length; i++){

total = total + arr[i];

}

double average = total / arr.length;

System.out.format("The average is: %.2f", average);

}

}

**Duplicates in Array**:

package Assignment2;

public class duplicatesinarray {

public static void main(String[] args) {

int[] my\_array = { 12, 32, 12, 45, 65, 93, 0, 23, 45, 6 };

for (int i = 0; i < my\_array.length - 1; i++)

{

for (int j = i + 1; j < my\_array.length; j++)

{

if ((my\_array[i] == my\_array[j]) && (i != j))

{

System.out.println("Duplicate Element : " + my\_array[j]);

}

}

}

}

}

**Is13 Prime Number:**

package Assignment2;

public class is13aprimenumber {

public static void main(String args[]) {

int temp;

boolean isPrime = true;

int num = 13;

for (int i = 2; i <= num / 2; i++) {

temp = num % i;

if (temp == 0) {

isPrime = false;

break;

}

}

if (isPrime)

System.out.println(num + " is a Prime Number");

else

System.out.println(num + " is not a Prime Number");

}

}

**Odd Numbers:**

package Assignment2;

import java.util.Scanner;

public class OddNumbers {

public static void main(String[] args) {

int number, i;

Scanner sc = new Scanner(System.in);

System.out.print("Enter the limit: ");

number = sc.nextInt();

sc.close();

i = 79;

System.out.print("Lit of odd numbers: ");

while (i <= number) {

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

i = i + 2;

}

}

}

**Reverse Numbers:**

package Assignment2;

import java.util.Scanner;

public class ReverseNumber {

public static void main(String args[]) {

int num = 0;

int revnum = 0;

System.out.println("Input your number and press enter: ");

Scanner in = new Scanner(System.in);

num = in.nextInt();

in.close();

while (num != 0) {

revnum = revnum \* 10;

revnum = revnum + num % 10;

num = num / 10;

}

System.out.println("Reverse of input number is: " + revnum);

}

}

**Sum Of Digists:**

package Assignment2;

import java.util.Scanner;

public class Sumofdigits {

public static void main(String arg[]) {

long n, sum;

Scanner sc = new Scanner(System.in);

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

n = sc.nextLong();

sc.close();

for (sum = 0; n != 0; n /= 10) {

sum += n % 10;

}

System.out.println("Sum of digits of a number is " + sum);

}

}