2.

import java.util.Scanner;  
  
public class Main {  
  
 public static void mult(int num)  
 {  
 int ones, tens;  
 ones = num %10;  
 tens = num/10;  
 System.*out*.println(ones\*tens);  
 }  
 public static void main(String[] args) {  
 Scanner io = new Scanner(System.*in*);  
 int num;  
 do{  
 System.*out*.println("enter number");  
 num = io.nextInt();  
 *mult*(num);  
  
 }while(num>0);  
  
  
 }  
}

3.

import java.util.Scanner;  
  
public class Main {  
  
 public static void mult(int num)  
 {  
 int ones, tens;  
 ones = num %10;  
 tens = num/10;  
 System.*out*.println(ones+tens);  
 }  
 public static void main(String[] args) {  
 Scanner io = new Scanner(System.*in*);  
 int num;  
 do{  
 System.*out*.println("enter number");  
 num = io.nextInt();  
 *mult*(num);  
  
 }while(num>0);  
  
  
 }  
}

5 א

import java.util.Scanner;  
  
public class Main {  
  
 public static void prime(int num)  
 {  
 int count=0;  
 for(int i =2;i<num;i++)  
 {  
 if (num%i==0)  
 {  
 count++;  
 }  
  
 }  
 if(count!=0) System.*out*.println("not prime");  
 if(count==0) System.*out*.println("prime");  
 }  
 public static void main(String[] args) {  
 Scanner io = new Scanner(System.*in*);  
 int num;  
 do{  
 System.*out*.println("enter number");  
 num = io.nextInt();  
 *prime*(num);  
  
 }while(num>0);  
  
  
 }  
}

5.ב

import java.util.Scanner;  
  
public class Main {  
  
 public static void prime(int num)  
 {  
 int count=0;  
 for(int y=0;y<num;y++) {  
 count=0;  
 for (int i = 2; i < y; i++) {  
 if (y % i == 0) {  
 count++;  
 }  
  
 }  
 System.*out*.println(y);  
 if (count != 0) System.*out*.println("not prime");  
 if (count == 0) System.*out*.println("prime");  
 }  
 }  
 public static void main(String[] args) {  
 Scanner io = new Scanner(System.*in*);  
 int num;  
 do{  
 System.*out*.println("enter number");  
 num = io.nextInt();  
 *prime*(num);  
  
 }while(num>0);  
  
  
 }  
}

5 ג

import java.util.Scanner;  
  
public class Main {  
  
 public static void prime(int num)  
 {  
 int count=0;  
 for(int y=0;y<=num;y++) {  
 count=0;  
 for (int i = 2; i < y; i++) {  
 if (y % i == 0) {  
 count++;  
 }  
  
 }  
 if (count == 0) System.*out*.println(y);  
 }  
 }  
 public static void main(String[] args) {  
 Scanner io = new Scanner(System.*in*);  
 int num;  
 do{  
 System.*out*.println("enter number");  
 num = io.nextInt();  
 if (num%2==0) {  
 *prime*(num);  
 }  
  
 }while(num!=0);  
  
  
 }  
}