1. **GREATEST NUMBER**

|  |
| --- |
| public class greatestcheck {  public static void main(String[] args)  {  int a,b,c,d;  a = 0;  b = 8;  c = 6;  d = 2;  if ((a+b)>(c+d)) {  System.***out***.println("A+B is greatest");  }  else if ((c+d)>(a+b)) {  System.***out***.println("C+D is greatest");  }  else  {  System.***out***.println("Both equal");    }  }  } |

1. **EVEN OR ODD**

|  |
| --- |
| import java.util.Scanner;  public class Evenodd {  public static void main (String [] args) {  System.***out***.println("Enter a valid integer");  Scanner sc = new Scanner(System.***in***);  int num = sc.nextInt();  int Result = (num % 2);  if (Result == 0)  {  System.***out***.println("Entered Number is Even");  }  else  {  System.***out***.println("Entered Number is Odd");  }  sc.close();  }  } |
| **OUTPUT:** Enter a valid integer  44  Entered Number is Even |

1. **PRINT CHARACTERS FROM A TO Z.**

|  |
| --- |
| public class Characterprint {  public static void main (String [] args) {  char i;  for (i='A'; i<='Z';++i)  System.***out***.print(i+" "); |
| **OUTPUT:** A B C D E F G H I J K L M N O P Q R S T U V W X Y Z |

1. **SWAPPING THE VARIABLES**

|  |
| --- |
| public class swapping {  public static void main (String [] args) {  int a,b,c;  a=12;  b=61;  System.***out***.println("Before swap:"+ '\n'+("a = "+a)+'\n'+ ("b = " +b));  c=a;  a=b;  b=c;  System.***out***.println("Before swap:"+ '\n'+("a = "+a)+'\n'+ ("b = " +b));  } |
| **OUTPUT:**  Before swap:  a = 12  b = 61  Before swap:  a = 61  b = 12 |

1. **PRIME NO CHECK**

|  |
| --- |
| public class Primeno {  public static void main(String[] args) {  int count = 0;  int number = 23;  System.***out***.print("Factors of " + number + " are: ");  for (int i = 1; i <= number; ++i) {  // if number is divided by i  // i is the factor  if (number % i == 0) {  System.***out***.print(i +" ");  count++;}}    if (count==2) {  System.***out***.println('\n'+"prime");}  else  {System.***out***.println('\n'+"Not prime");}}} |
| **OUTPUT:** Factors of 23 are: 1 23  prime |

1. **FACTORIALS PRINT**

|  |
| --- |
| public class Primeno {  public static void main(String[] args) {  int count = 0;  int number = 70;  System.***out***.print("Factors of " + number + " are: ");  for (int i = 1; i <= number; ++i) {  // if number is divided by i  // i is the factor  if (number % i == 0) {  System.***out***.print(i +" ");}}}} |
| **OUTPUT:** Factors of 70 are: 1 2 5 7 10 14 35 70 |

1. **LENGTH OF THE STRING PRINT**

|  |
| --- |
| public static void main (String [] args) {  String a = "Guvi Geek";  int b;  b = a.length();  System.***out***.println(b);} |
| **OUTPUT:** 9 |

1. **PROGRAM TO PRINT 10 TIMES.**

|  |
| --- |
| public class repeatprint {  public static void main (String[] args) {  for (int i=0; i<10; i++) {  System.***out***.println("Guvi Geek ");}}} |
| **OUTPUT:** Guvi Geek  Guvi Geek  Guvi Geek  Guvi Geek  Guvi Geek  Guvi Geek  Guvi Geek  Guvi Geek  Guvi Geek  Guvi Geek |

**9.SENIOR CITIZEN CHECK**

|  |
| --- |
| public static void main (String [] args) {  System.***out***.println("Enter the age of the person");  Scanner sc = new Scanner(System.***in***);  int age = sc.nextInt();  if (age>60) {  System.***out***.println("Senior citizen");}  else  System.***out***.println("Not senior citizen");  }} |
| Enter the age of the person  55  Not senior citizen |

1. **COUNT NO OF DIGITS**

|  |
| --- |
| public class Countdigits {  public static void main (String [] args) {  int a[] = {10,20,30,40,50,60,70,80,90,100};  int b = a.length;  System.***out***.println(b);}} |
| **OUTPUT:** 10 |