**1. Print Hello World**

public class HelloWorld

{

public static void main(String args[])

{

System.out.println("Hello World");

}

}

**2. Add two numbers/binary numbers/characters**

public class Addition

{

public static void main(String args[])

{

Addition obj = new Addition();

//obj.sum(10,20);

//obj.sum(5,4);

obj.Ascii('a', 'b');

}

void sum(int a, int b)

{

int c = a+b;

System.out.println("Sum Of " + a +" + "+ b +" = " + c);

}

void Ascii(int a, int b)

{

int c = a+b;

System.out.println("Ascii Addition : " + c);

}

}

**3. Calculate compound interest**

public class CI

{

public static void main(String args[])

{

int a = 10, p = 5, n = 4, t = 1;

float r = 2;

double ci = p \* Math.pow((1+r/n), n\*t);

System.out.println("Compound Interest = " + ci);

}

}

**4. Calculate power of a number**

public class CalcPower

{

public static void main(String args[])

{

CalcPower obj = new CalcPower();

obj.power(5,3);

}

void power(int base, int exp)

{

int c=1;

for(int i=1;i<=exp;i++)

{

c \*= base;

}

System.out.println(base+"^"+exp+" = "+c);

}

}

**5. Swap two numbers**

public class Swapping

{

public static void main(String args[])

{

Swapping obj = new Swapping();

obj.swap(10,20);

obj.wutv(10,20);

}

void swap(int a, int b)

{

System.out.println("Values Before Swapping \n a = " + a +" "+"b = " + b + "\n");

int temp;

temp = a;

a = b;

b = temp;

System.out.println("Values After Swapping \n a = " + a +" "+ "b = " + b);

}

void wutv(int a, int b)

{

System.out.println("\nSwapping Without Using Third Variable \n Values Before Swapping \n a = " + a +" "+"b = " + b + "\n");

a = a+b;

b = a-b;

a = a-b;

System.out.println(" Values After Swapping \n a = " + a +" "+ "b = " + b);

}

**}**