1. Write a program to demonstrate method overloading with three different parameters?

Ans:

class Adder

{

static int add(int a,int b)

{

return a+b;

}

static int add(int a,int b,int c)

{

return a+b+c;

}

}

class Test1

{

public static void main(String[] args)

{

System.out.println(Adder.add(25,25));

System.out.println(Adder.add(25,25,25));

}

}

Output:

50

75

1. Write a program to create an object of a class which contain a method and call that class method in main method?

Ans:

class Main

{

static void myMethod()

{

System.out.println("Raju Kushwah");

}

public static void main(String[] args)

{

myMethod();

}

}

Output: Raju Kushwah

1. Write a Java program to calculate the sum of all elements in an integer array?

Ans:

class Main

{

public static void main(String[] args)

{

int[] myArray = {1, 5, 10, 25};

int sum = 0;

int i;

// Loop through array elements and get the sum

for (i = 0; i < myArray.length; i++)

{

sum += myArray[i];

}

System.out.println("The sum is: " + sum);

}

}

Output: The sum is: 41

1. Write a Java program to find the index of a specific element in an integer array?

Ans:

class ArrayExample

{

public static void main(String[] args)

{

int[] numbers = {4, 9, 7, 3, 2, 8};

int element = 2;

int index = -1;

int i = 0;

while(i < numbers.length)

{

if(numbers[i] == element)

{

index = i;

break;

}

i++;

}

System.out.println("Index of "+element+" is : "+index);

}

}

Output:

Index of 2 is : 4

1. Write a Java program to print an entire array?

Ans:

class Array

{

public static void main(String[] args)

{

int[] array = {1, 2, 3, 4, 5};

for (int element: array)

{

System.out.println(element);

}

}

}

Output:

1

2

3

4

5