

# Assignment – 01

## Program-1 :



```
1 package DatatypesDemo;
2
3 public class Calculator {
4     int add(int a, int b) {
5         return a + b;
6     }
7
8     // Second add method (3 int parameters)
9     int add(int a, int b, int c) {
10         return a + b + c;
11     }
12
13     // Third add method (2 double parameters)
14     double add(double a, double b) {
15         return a + b;
16     }
17
18     public static void main(String[] args) {
19         Calculator calc = new Calculator();
20
21         System.out.println("Sum of 10 and 20 (int): " + calc.add(10, 20));
22         System.out.println("Sum of 5, 10 and 15 (int): " + calc.add(5, 10, 15));
23         System.out.println("Sum of 5.5 and 6.5 (double): " + calc.add(5.5, 6.5));
24     }
25 }
26
27
28
29
30
```

<terminated> HelloWorld [Java Application] C:\Program Files\Java\jdk1.8.0\_202\bin\javaw.exe (28-Jun-2025, 8:55:03 pm – 8:55:03 pm elapsed: 0:  
Sum of 10 and 20 (int): 30  
Sum of 5, 10 and 15 (int): 30  
Sum of 5.5 and 6.5 (double): 12.0

## Program-2:

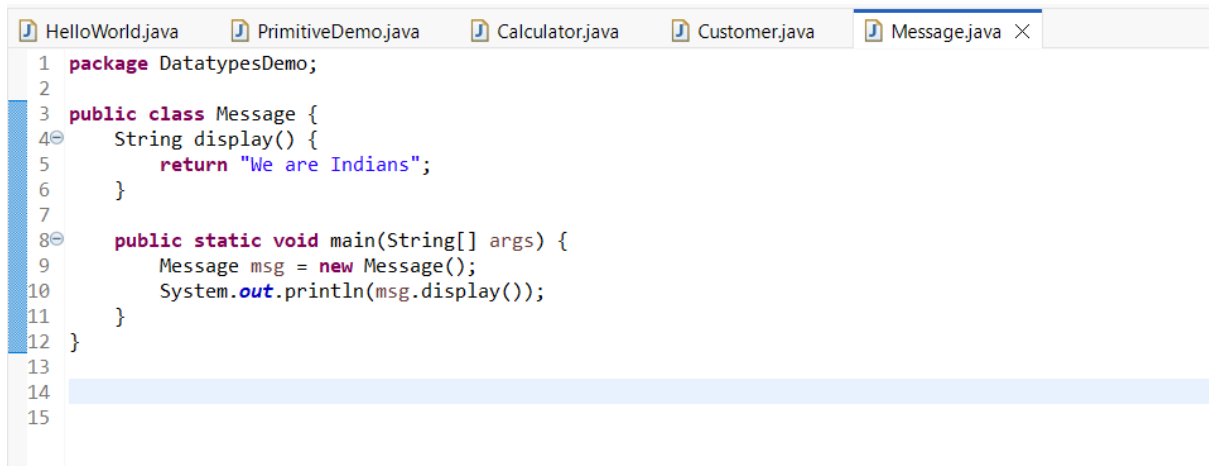
```
1 package DatatypesDemo;
2
3 public class Customer {
4     int id;
5     String name;
6     String product;
7     int age;
8
9     void setCustomer(int id, String name, String product, int age) {
10         this.id = id;
11         this.name = name;
12         this.product = product;
13         this.age = age;
14     }
15
16     void displayCustomer() {
17         System.out.println("ID: " + id);
18         System.out.println("Name: " + name);
19         System.out.println("Product: " + product);
20         System.out.println("Age: " + age);
21     }
22
23     public static void main(String[] args) {
24         Customer c1 = new Customer();
25         Customer c2 = new Customer();
26
27         c1.setCustomer(1, "Dhanush", "Laptop", 25);
28         c2.setCustomer(2, "Rakshu", "Mobile", 22);
29
30         System.out.println("Customer 1 Details:");
31         c1.displayCustomer();
32
33         System.out.println("\nCustomer 2 Details:");
34         c2.displayCustomer();
35     }
36 }
37
38
```

## Output:

```
<terminated> Customer [Java Application] C:\Program Files\Java\jdk1.8.0_202\bin\javaw.exe (28-Jun-2025)
Customer 1 Details:
ID: 1
Name: Dhanush
Product: Laptop
Age: 25

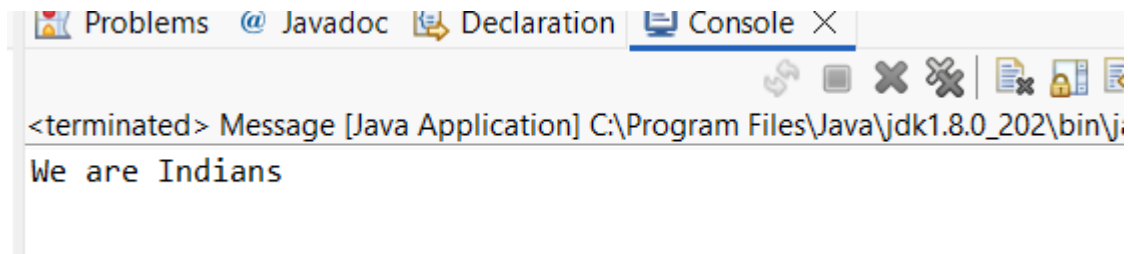
Customer 2 Details:
ID: 2
Name: Rakshu
Product: Mobile
Age: 22
```

## Program – 03



```
1 package DatatypesDemo;
2
3 public class Message {
4     String display() {
5         return "We are Indians";
6     }
7
8     public static void main(String[] args) {
9         Message msg = new Message();
10        System.out.println(msg.display());
11    }
12 }
13
14
15
```

## Output:



```
<terminated> Message [Java Application] C:\Program Files\Java\jdk1.8.0_202\bin\j
We are Indians
```