

Practical : 3

Aim: Write a program to enter two numbers and perform mathematical operations on them.

➤ //Perform the Mathematical operation

```
import java.util.Scanner;
```

```
public class Practical_3_new
```

```
{
```

```
    public static void main(String[] args)
```

```
    {
```

```
        //Enter the two number
```

```
        System.out.println("Enter Number 1 : ");
```

```
        Scanner sc= new Scanner(System.in);
```

```
        int num1 = sc.nextInt();
```

```
        System.out.println("\nEnter Number 2 : ");
```

```
        int num2 = sc.nextInt();
```

```
        System.out.println("1-Addition\n2-Subtraction\n3-Multiplication\n4-Division\n");
```

```
        System.out.println("Enter the Choice :");
```

```
        int choice = sc.nextInt();
```

```
        //Choice Mathematical Operation Using switch case
```

```
        switch(choice)
```

```
        {
```

```
            case 1:        //for add
```

```
                System.out.println("Addition = "+ (num1+num2));
```

```
                break;
```

```
            case 2:        //for subtraction
```

```
                System.out.println("Subtraction = "+ (num1-num2));
```

```
                break;
```

```
            case 3:        //for multiplication
```

```
                System.out.println("Multiplication = "+  
(num1*num2));
```

```
                break;
```

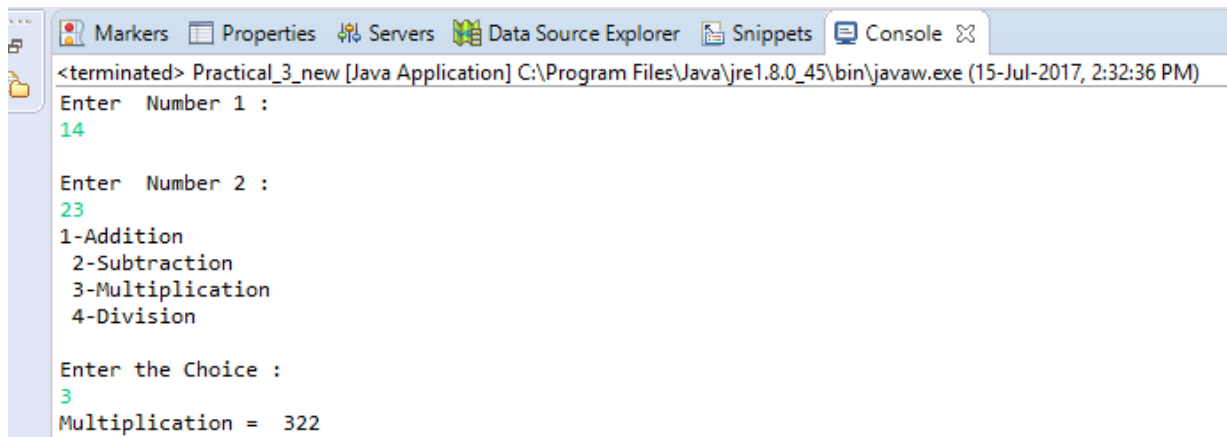
```

        case 4:           //for division
            if(num2==0)
                System.out.println("Division is not possible");
            else
                System.out.println("Division = "+
(float)num1/num2));
            break;

        default:
            System.out.println("Enter the proper choice");
            break;
    }
    sc.close(); //Close object of the scanner class
}
}

```

Output:



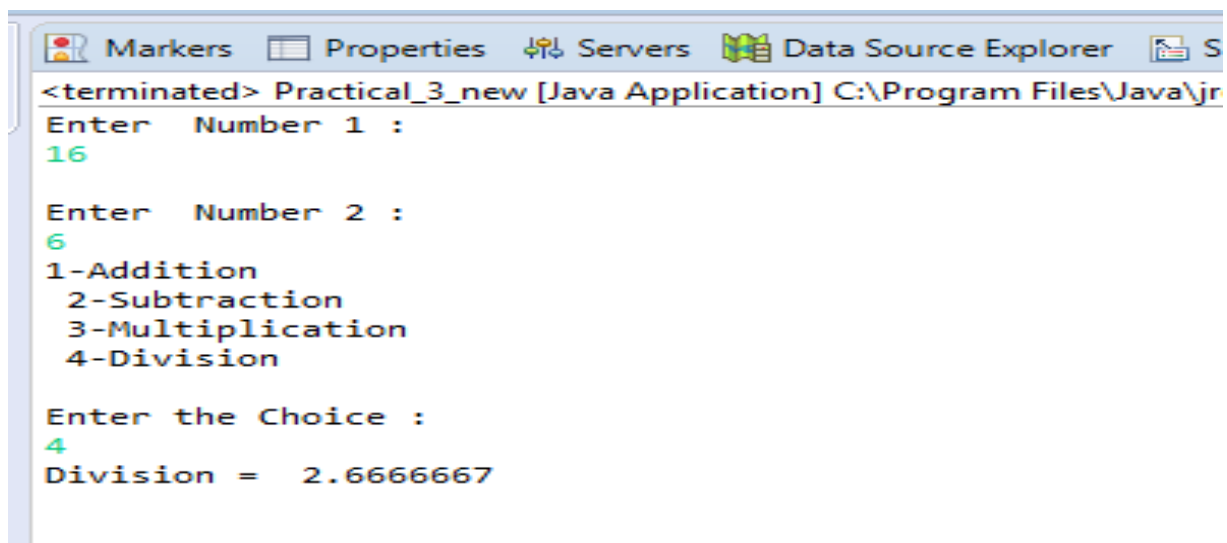
```

<terminated> Practical_3_new [Java Application] C:\Program Files\Java\jre1.8.0_45\bin\javaw.exe (15-Jul-2017, 2:32:36 PM)
Enter Number 1 :
14

Enter Number 2 :
23
1-Addition
2-Subtraction
3-Multiplication
4-Division

Enter the Choice :
3
Multiplication = 322

```



```

<terminated> Practical_3_new [Java Application] C:\Program Files\Java\jre1.8.0_45\bin\javaw.exe (15-Jul-2017, 2:32:36 PM)
Enter Number 1 :
16

Enter Number 2 :
6
1-Addition
2-Subtraction
3-Multiplication
4-Division

Enter the Choice :
4
Division = 2.6666667

```