

Java Lab Program

16. Write a program to show member functions calling through objects.

//With writing constructor code

```
import java.lang.*;
```

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

```
class Sixteen
```

```
{
```

```
    int marks1, marks2, marks3;
```

```
    Sixteen(String batch)
```

```
    {
```

```
        System.out.println(batch);
```

```
    }
```

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

```
    {
```

```
        int d=a+b+c;
```

```
        return d;
```

```
    }
```

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

```
    {
```

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

```
        Sixteen a1 = new Sixteen("4th Sem CS A1+A2");
```

```
        System.out.println("Please enter the marks");
```

```
        a1.marks1 = sc.nextInt();
```

```
        a1.marks2 = sc.nextInt();
```

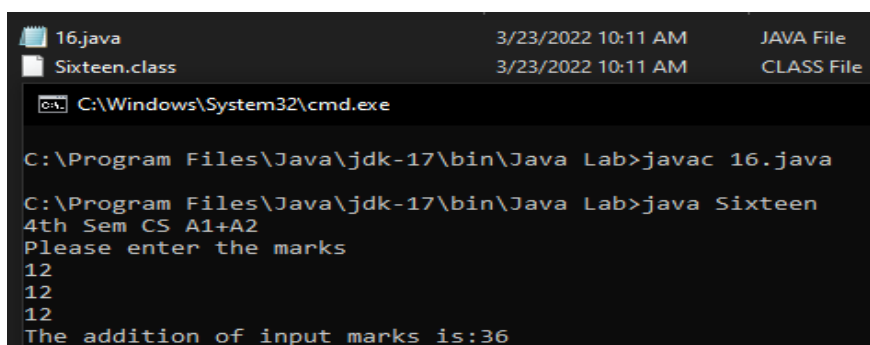
```
        a1.marks3 = sc.nextInt();
```

```
        int sum=a1.add(a1.marks1, a1.marks2, a1.marks3);
```

```
        System.out. println("The addition of input marks is:" +sum);
```

```
    }
```

```
}
```



The screenshot shows a Java IDE with a file explorer on the left containing '16.java' and 'Sixteen.class'. The main window displays the command prompt output for the program. The commands executed are 'javac 16.java' and 'java Sixteen'. The output shows the program running, printing '4th Sem CS A1+A2', asking for marks, receiving three inputs of '12', and finally printing 'The addition of input marks is:36'.

```
16.java          3/23/2022 10:11 AM    JAVA File
Sixteen.class    3/23/2022 10:11 AM    CLASS File

C:\Windows\System32\cmd.exe

C:\Program Files\Java\jdk-17\bin\Java Lab>javac 16.java
C:\Program Files\Java\jdk-17\bin\Java Lab>java Sixteen
4th Sem CS A1+A2
Please enter the marks
12
12
12
The addition of input marks is:36
```