

Assignment_15_2_1 Scala Input Commands

```
/*This program illustrates the partial function which sums up three values ,out of which one value is constant and rest of two values are passed as part of arguments. We will define another function which squares the result of partial function while passing as an argument.
```

```
*/
```

```
// this method squares the argument value
```

```
def square(sum:Int) = sum * sum
```

```
// this method sum up the constant value and two arguments var1 & var2, passed at runtime
```

```
def sum( var1:Int , var2:Int ) = { val const = 15 ; const + var1 + var2 }
```

```
//defining the partial function
```

```
val first = sum(_:Int , _:Int)
```

```
// passing the value 2 to the first argument of sum method
```

```
val second = first(2 , _:Int)
```

```
// passing the value 5 to the second argument of sum method
```

```
val third = second(5)
```

```
// passing the output of sum method to square method
```

```
val finaloutput = square(third)
```

```
// display the output of square method which squares up the sum output
```

```
println(finaloutput)
```