

Task on Java Methods

1) Add Two Numbers:

```
public class AdditionCalculator {  
    public static int addTwoNumbers(int a, int b) {  
        return a+b;  
    }  
    public static void main(String args[]){  
        int result=addTwoNumbers(34,50);  
        System.out.println(result);  
    }  
}
```

Output:

84

2) Multiply Two Numbers:

```
public class MultiplicationCalculator {  
    public static int multiplyTwoNumbers(int a, int b) {  
        return a*b;  
    }  
    public static void main(String args[]){  
        int result=multiplyTwoNumbers(4,16);  
        System.out.println(result);  
    }  
}
```

Output:

64

3) Square of a Number:

```
public class SquareCalculator {  
    public static int squareOfNumber(int n) {  
        return n*n;  
    }  
    public static void main(String args[]){  
        int result=squareOfNumber(12);  
        System.out.println(result);  
    }  
}
```

Output:

144

4) Average of Three Numbers:

```
public class Averagecalculator {  
    public static int averageOfThreeNumbers(int x, int y, int z) {  
        return (x+y+z)/3;  
    }  
    public static void main(String args[]){  
        int result=averageOfThreeNumbers(12,22,5);  
        System.out.println(result);  
    }  
}
```

Output:

13

5) Simple Interest:

```
public class SimpleInterestCalculator {  
    public static double calculateSimpleInterest(double principle, double rate, double time) {  
        double interest= (principle*rate*time)/100;  
        return interest;  
    }  
    public static void main(String args[]){  
        double result=calculateSimpleInterest(10000, 2.5, 4);  
        System.out.println(result);  
        System.out.println(calculateSimpleInterest(50000, 3.5, 3));  
    }  
}
```

Output:

1000.0
5250.0
