Scenario : A kids laptop manufacturer needs to develop a laptop which will display a message first

Enter Option:

Add-1

Subtract-2

Multiply-3 Quit-4

The kid should be allowed to enter an option. If the kid enters 1: a message needs to be displayed

Enter two numbers to be added

The kid should be allowed to enter two numbers (in two separate lines).

Based on the numbers entered the program should add and display the result as below

The result is result

After the result is displayed the program should loop back and ask for the next menu entry of the kid enters 4, the program should quit (The program needs to be executed and do either one of the options until the kid enters the option 4)

Problem Statement:

Create a class ScannerLaptopDemo java with a main method which performs the required operations as specified above.

Algorithm

1.Display message as specified to print the various options 1 to 4.

2 .On user enters one of the option based on the input the appropriate arithmetic operation in

done as mentioned below.

3. Using switch statement, display the appropriate message.

 a Example if option is 1 "Enter two numbers to be added", get the two numbers yang

Scanner class and print the added result

b. If option is 2 "Enter two numbers to be subtracted", get the two numbers using

Scanner class and print the subtracted result.

c. If option is 3 "Enter two numbers to be multiplied, get the two numbers using scanner

class and print the multiplied result

d. If option is 4 terminate the program.

```java
1  package comm;
2
3  import java.util.Scanner;
4
5  public class ScannerLaptopDemo {
6      public static void main (String[] args) {
7          char ans = 0;
8          do {
9              Scanner s = new Scanner(System.in);
10             System.out.println("Enter Choic:\n 1:Add-1 \n 2:Substract-2 \n 3: Multiply-3 \n 4:Quit-4");
11             int ch = s.nextInt();
12             switch(ch) {
13
14             case 1:
15                 System.out.println("Enter two number to  be added :" );
16                 System.out.println("Enter First Number : ");
17
18                 int input1 = s.nextInt();
19                 System.out.println("Enter Second number : ");
20
21                 int input2 = s.nextInt();
22                 int add = input1+input2;
23
24                 System.out.println("The Result is : " + add);
25                 break;
26
27             case 2:
28                 System.out.println("Enter two number to be substracted :");
29                 System.out.println("Enter First number:");
30
31                 int input3 = s.nextInt();
32                 System.out.println("Enter Second number:");
33
34                 int input4 = s.nextInt();
```

```java
33
34                 int input4 = s.nextInt();
35                 int sub = input3 - input4;
36
37                 System.out.println("The Result is : " + sub);
38                 break;
39
40             case 3:
41                 System.out.println("Enter two numbers to be multiplied : ");
42                 System.out.println("Enter First Number :");
43
44                 int input5 = s.nextInt();
45                 System.out.println("Enter Second Number :");
46
47                 int input6 = s.nextInt();
48                 int mul = input5*input6;
49
50                 System.out.println("The Result is: " + mul);
51                 break;
52
53             case 4:
54                 System.out.println("Okay bye");
55                 break;
56             }
57             System.out.println("Do you want to do the process again");
58             ans = s.next().charAt(0);
59             }while(ans == 'y' || ans == 'y');
60         }
61
62
63     }
64
65
66
```

```
33
34                    int input4 = s.nextInt();
35                    int sub = input3 - input4;
36
37                    System.out.println("The Result is : " + sub);
38                    break;
39
40            case 3:
41                    System.out.println("Enter two numbers to be multiplied : ");
42                    System.out.println("Enter First Number :");
43
44                    int input5 = s.nextInt();
45                    System.out.println("Enter Second Number :");
46
47                    int input6 = s.nextInt();
48                    int mul = input5*input6;
49
50                    System.out.println("The Result is: " + mul);
51                    break;
52
53            case 4:
54                    System.out.println("Okay bye");
55                    break;
56                    }
57                    System.out.println("Do you want to do the process again");
58                    ans = s.next().charAt(0);
59                    }while(ans == 'y' || ans == 'y');
60            }
61
62
63        }
64
65
66
```

```
Enter Choic:
 1:Add-1
 2:Substract-2
 3: Multiply-3
        4:Quit-4


1
Enter two number to  be added :
Enter First Number :
3
Enter Second number :
4
The Result is : 7
Do you want to do the process again
```