



INSTITUTE OF SOFTWARE ENGINEERING

GRADUATE DIPLOMA IN SOFTWARE ENGINEERING

ASSIGNMENT NAME

Programming fundamentals

ASSIGNMENT NO

VIVA ASSIGNMET

NUMBER OF QUESTIONS: 1

NUMBER OF COMPLETED QUESTIONS: 1

NUMBER OF REMAINING QUESTIONS: 00

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BATCH NO: 61

```

import java.util.Scanner;

class Main {

    public static void main(String[] args) {

        while (true) {

            Scanner scan = new Scanner(System.in);

            System.out.println(" " + " " + " " + " " + "****");

            System.out.println(" " + " " + " " + " " + "Unit Calculator");

            System.out.println(" " + " " + " " + " " + "****");

            System.out.println(" ");

            System.out.println("1: Meter to Centimeter");

            System.out.println("2: Liters to Milliliters");

            System.out.println("3. Feet to Inches");

            System.out.println("4: Gigabyte to Megabyte");

            System.out.println(" ");

            System.out.print("Enter an option to continue :");

            int option = scan.nextInt();

            switch (option) {

                case 1:

                    System.out.print("Enter value in Meters: ");

                    int meter = scan.nextInt();

                    int centimeter = meter * 100;

                    System.out.println("answer is " + centimeter + " Centimeters");

                    break;

                case 2:

                    System.out.print("Enter value in Liters: ");

                    int liters = scan.nextInt();

                    int milliliters = liters * 1000;

                    System.out.println("answer is " + milliliters + " Milliliters");

                    break;

                case 3:

                    System.out.print("Enter value in Feet: ");

                    int feet = scan.nextInt();

                    int inches = feet * 12;

```

```
System.out.println("answer is " + inches + " Inches");  
break;
```

case 4:

```
System.out.print("Enter value in Gigabyte: ");  
int gigabyte = scan.nextInt();  
int megabyte = gigabyte * 1024;  
System.out.println("answer is " + megabyte + " Megabyte");  
break;
```

default:

```
System.out.println("Wrong input");
```

```
}
```

```
System.out.print("[ Enter 0 to exit ]");
```

```
int exit = scan.nextInt();
```

```
if (exit == 0) {
```

```
try {
```

```
    final String os = System.getProperty("os.name");
```

```
    if (os.contains("Windows")) {
```

```
        new ProcessBuilder("cmd", "/c", "cls").inheritIO().start().waitFor();
```

```
    } else {
```

```
        System.out.print("\033[H\033[2J");
```

```
        System.out.flush();
```

```
    }
```

```
    } catch (final Exception e) {
```

```
        e.printStackTrace();
```

```
// Handle any exceptions.
```

```
    }
```

```
}
```

```
}
```

```
}
```

```
}
```