



```
1 // Vasilii Dementev ID 6430613002
2 import java.util.Scanner;
3 public class Main {
4     @ public static String checkBmi(double bmi) {
5         if (bmi < 0) {
6             return "Error!";
7         }
8         else if (bmi < 18.5) {
9             return "Underweight";
10        }
11        else if (bmi < 24.9) {
12            return "Healthy";
13        }
14        else if (bmi < 29.9) {
15            return "Overweight";
16        }
17        else {
18            return "Obese";
19        }
20    }
21    public static void main(String[] args) {
22        Scanner input = new Scanner(System.in);
23        System.out.print("Enter your Name: ");
24        String name = input.next();
25        System.out.print("Enter gender [M|F]: ");
26        String gender = input.next();
27        System.out.print("Enter birth place: ");
28        String birthplace = input.next();
29        System.out.println("***** BMI Calculator *****");
30        System.out.print("Enter Weight(kg): ");
31        double weight = input.nextDouble();
32        System.out.print("Enter Height(cm): ");
33        double height = input.nextDouble();
34        input.close();
35        double bmi = weight / Math.pow(height / 100, 2);
36        System.out.println("Body Mass Index = " + bmi);
37        System.out.println("Health status is: " + checkBmi(bmi));
38    }
39 }
```

Run: Main x

```
/opt/intellij-idea-ultimate-edition/jbr/bin/java -javaagent:/c
Enter your Name: Test
Enter gender [M|F]: M
Enter birth place: DK
***** BMI Calculator *****
Enter Weight(kg): 40
Enter Height(cm): 160
Body Mass Index = 15.624999999999996
Health status is: Underweight

Process finished with exit code 0
|
```

Assign01-2 – Main.java

FileEditViewNavigateCodeRefactorBuildRunToolsVCSWindowHelp

Assign01-2 > src > Main > main

Project

Main.java x

1

// Vasilii Dementev ID 6430613002

2

3

import java.util.Scanner;

4

5

public class Main {

6

@

public static Double convFtoC(double tempF) {

7

return (tempF - 32.0) * (5.0 / 9.0);

8

}

9

10

public static void main(String[] args) {

11

Scanner input = new Scanner(System.in);

12

while (true) {

13

System.out.print("Enter degree (Fahrenheit): ");

14

double tempF = input.nextDouble();

15

if (tempF == 999) {

16

break;

17

}

18

System.out.println(tempF + " Fahrenheit = " + convFtoC(tempF) + " Celsius");

19

}

20

input.close();

21

System.out.print("Bye\n");

22

}

23

}

Run: Main x

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/opt/intellij-idea-ultimate-edition/jbr/bin/java -javaagent:/c

Enter degree (Fahrenheit): 32

32.0 Fahrenheit = 0.0 Celsius

Enter degree (Fahrenheit): 50

50.0 Fahrenheit = 10.0 Celsius

Enter degree (Fahrenheit): 98.6

98.6 Fahrenheit = 37.0 Celsius

Enter degree (Fahrenheit): 999

Bye

Process finished with exit code 0

|

Notifications

Run

Version Control

TODO

Problems

Terminal

Profiler

Services

Build

Build completed successfully in 1 sec, 309 ms (moments ago)

12:1 LF UTF-8 2 spaces