

The screenshot displays a Java IDE interface. On the left, a vertical toolbar contains icons for file operations (new, open, save), search, and navigation. The main editor area shows a file named "Main.java" containing the following Java code:

```
1- public class AgeManipulation {  
2-     public static void main(String[] args) {  
3-         int age1 = -5;  
4-         int age2 = 45;  
5-         age1 = Math.max(0, Math.min(age1, 40));  
6-         age2 = Math.max(0, Math.min(age2, 40));  
7-         System.out.println("Age 1 after manipulation: " + age1); // Should be 0  
8-         System.out.println("Age 2 after manipulation: " + age2); // Should be 40  
9-     }  
10 }
```

At the top of the editor, there are buttons for "Share", "Run", and "Output". Below the code editor, a status bar shows language support for JS, PHP, and other languages.

The "Output" panel on the right side of the screen displays the results of running the code:

```
java -cp /tmp/RlsdxmAR5Q/AgeManipulation  
Age 1 after manipulation: 0  
Age 2 after manipulation: 40  
  
=== Code Execution Successful ===
```

Main.java

Share

Run

```
1  
2 public class ComputeBMI {  
3     public static void main(String[] args) {  
4         double weight = 70;  
5         double height = 1.75;  
6         double bmi = weight / (height * height);  
7         double roundedBMI = Math.round(bmi * 100.0) / 100.0;  
8         System.out.println("Weight: " + weight + " kg");  
9         System.out.println("Height: " + height + " m");  
10        System.out.println("BMI: " + roundedBMI);  
11    }  
12 }
```

Output

Clear

```
java -cp /raspi/vxqllpth/ComputeBMI  
Weight: 70.0 kg  
Height: 1.75 m  
BMI: 22.86  
  
=== Code Execution Successful ===
```

