②

```c
#include <stdio.h>;
int main()
bmi = weight / (hight * height);
printf(" Your BMI is %.2f\n", bmi);

if (bmi <15) {
    printf(" You are at starvation level.\n");
} else if (bmi >=15 && bmi <=17.5) {
    printf(" You are at anorenic level\n");
} else if (bmi >17.5 && bmi <= 18.5) {
    printf(" You are underweight.\n");
} else if (bmi >18.5 && bmi <=24.9) {
    printf(" You are at ideal level.\n");
} else if (bmi >=25 && bmi <= 29.9) {
    printf(" You are overweight.\n");
} else if (bmi >=30 && bmi <= 39.9) {
    printf(" You are at obesity level.\n");
} else {
    printf(" You are morbidly obese.\n");
}
return 0;
}
```

```c
2    int main() {
7
8        printf("Enter height (in meters): ");
9        scanf("%f", &height);
10
11       bmi = weight / (height * height);
12
13       printf("BMI = %.2f\n", bmi);
14
15       if (bmi < 15)
16           printf("Starvation\n");
17       else if (bmi >= 15.1 && bmi <= 17.5)
18           printf("Anorexic\n");
19       else if (bmi >= 17.6 && bmi <= 18.5)
20           printf("Underweight\n");
21       else if (bmi >= 18.6 && bmi <= 24.9)
22           printf("Ideal\n");
23       else if (bmi >= 25 && bmi <= 25.9)
24           printf("Overweight\n");
25       else if (bmi >= 30 && bmi <= 39.9)
26           printf("Obese\n");
27       else if (bmi >= 40)
28           printf("Morbidity Obese\n");
29       else
30           printf("BMI category not defined\n");
31
32       return 0;
33   }
34
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   **TERMINAL**   PORTS

```
tempCodeRunnerFile }
tempCodeRunnerFile }
Enter weight (in kgs): 67
Enter height (in meters): 178
BMI = 0.00
Starvation
PS C:\C language\class.c>
```