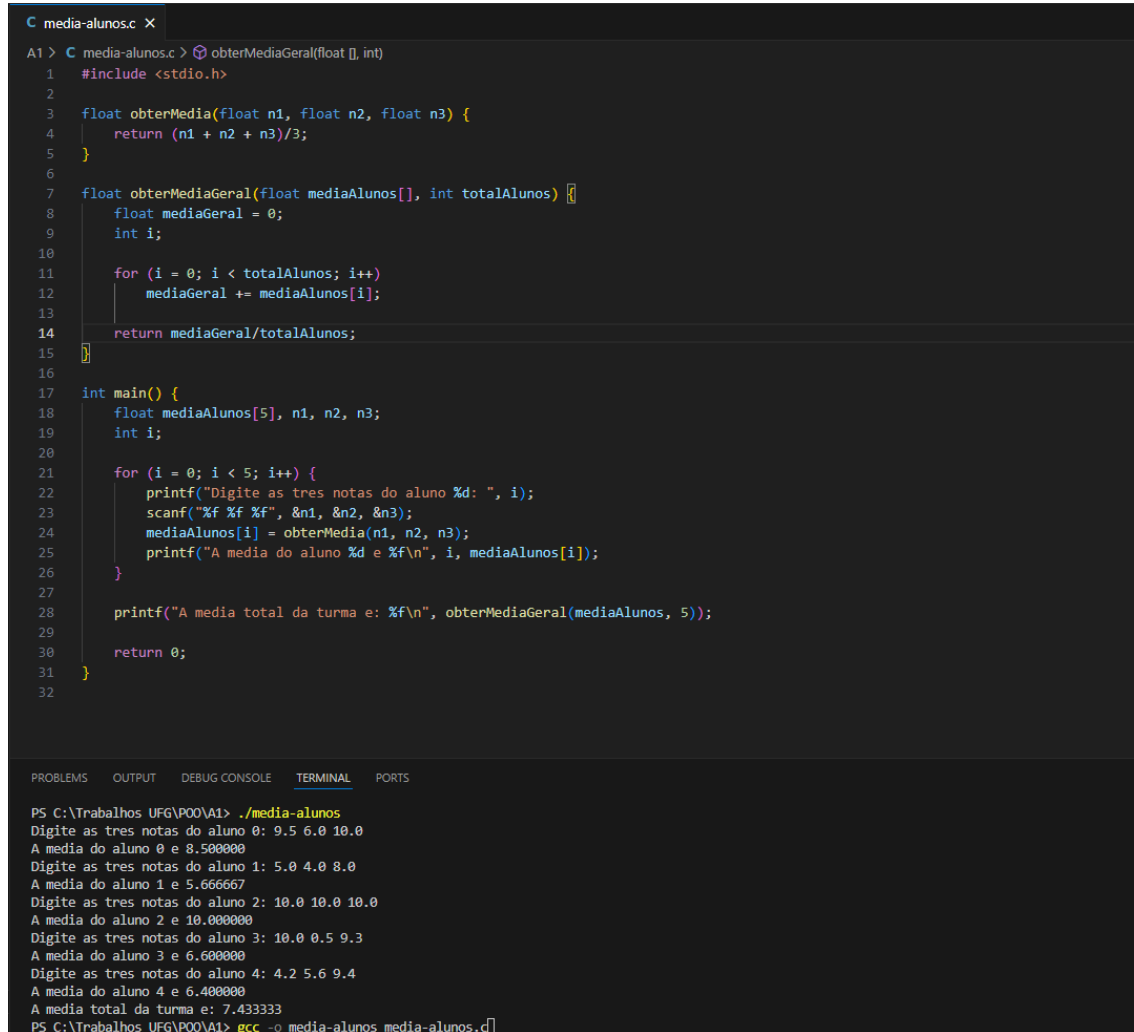


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Imagem das entradas do programa em C:



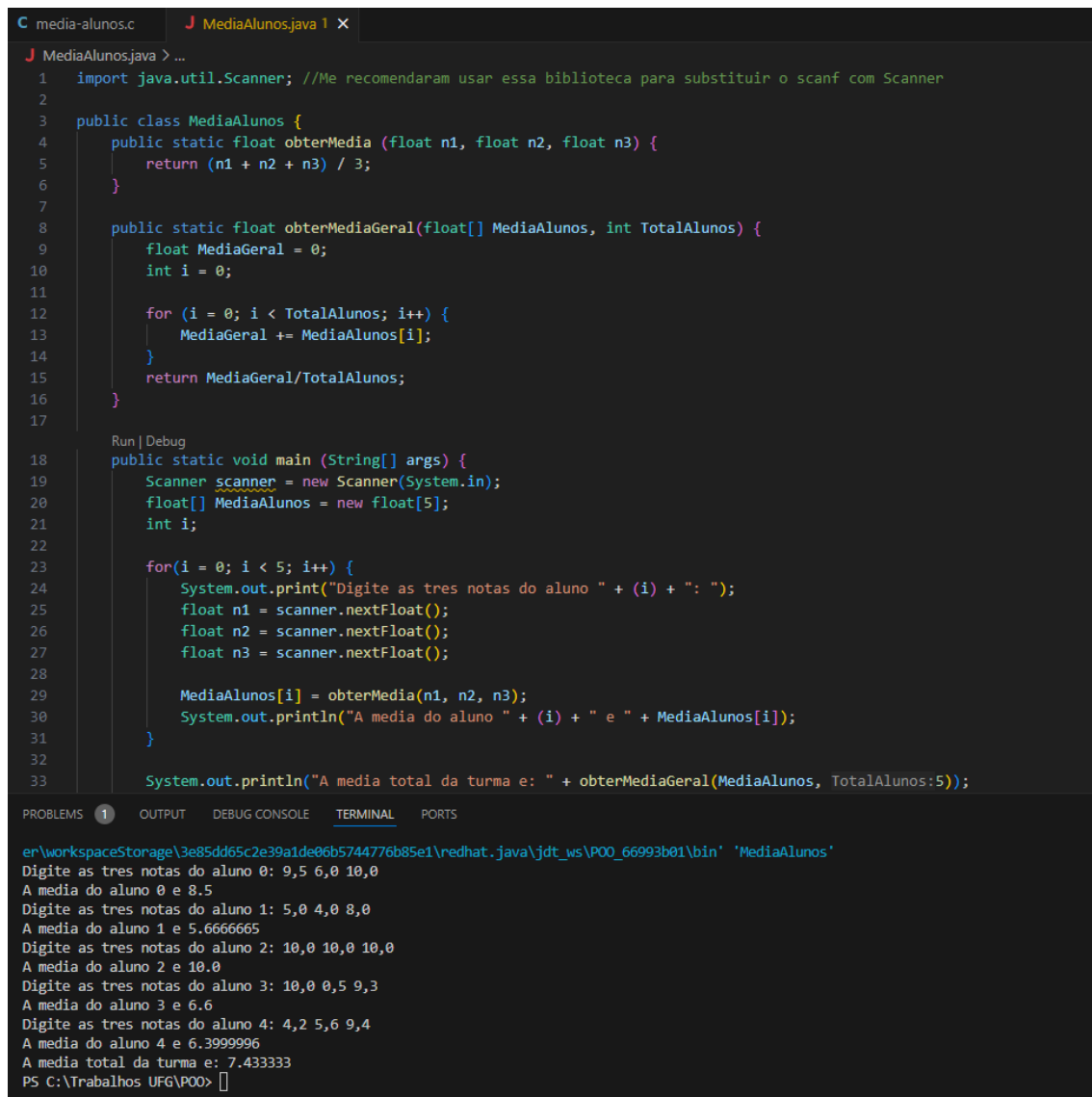
The image shows a C program named `media-alunos.c` and its execution output. The program calculates the average of three scores for five students and then calculates the overall average for the class.

```
C media-alunos.c X
A1 > C media-alunos.c > obterMediaGeral(float [], int)
1  #include <stdio.h>
2
3  float obterMedia(float n1, float n2, float n3) {
4      return (n1 + n2 + n3)/3;
5  }
6
7  float obterMediaGeral(float mediaAlunos[], int totalAlunos) {
8      float mediaGeral = 0;
9      int i;
10
11     for (i = 0; i < totalAlunos; i++)
12         mediaGeral += mediaAlunos[i];
13
14     return mediaGeral/totalAlunos;
15 }
16
17 int main() {
18     float mediaAlunos[5], n1, n2, n3;
19     int i;
20
21     for (i = 0; i < 5; i++) {
22         printf("Digite as tres notas do aluno %d: ", i);
23         scanf("%f %f %f", &n1, &n2, &n3);
24         mediaAlunos[i] = obterMedia(n1, n2, n3);
25         printf("A media do aluno %d e %f\n", i, mediaAlunos[i]);
26     }
27
28     printf("A media total da turma e: %f\n", obterMediaGeral(mediaAlunos, 5));
29
30     return 0;
31 }
32
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
PS C:\Trabalhos UFG\POO\A1> ./media-alunos
Digite as tres notas do aluno 0: 9.5 6.0 10.0
A media do aluno 0 e 8.500000
Digite as tres notas do aluno 1: 5.0 4.0 8.0
A media do aluno 1 e 5.666667
Digite as tres notas do aluno 2: 10.0 10.0 10.0
A media do aluno 2 e 10.000000
Digite as tres notas do aluno 3: 10.0 0.5 9.3
A media do aluno 3 e 6.600000
Digite as tres notas do aluno 4: 4.2 5.6 9.4
A media do aluno 4 e 6.400000
A media total da turma e: 7.433333
PS C:\Trabalhos UFG\POO\A1> gcc -o media-alunos media-alunos.c
```

Imagem das entradas do programa em Java:



The image shows a screenshot of an IDE with two tabs: 'media-alunos.c' and 'MediaAlunos.java'. The 'MediaAlunos.java' tab is active, displaying the following Java code:

```
1 import java.util.Scanner; //Me recomendaram usar essa biblioteca para substituir o scanf com Scanner
2
3 public class MediaAlunos {
4     public static float obterMedia (float n1, float n2, float n3) {
5         return (n1 + n2 + n3) / 3;
6     }
7
8     public static float obterMediaGeral(float[] MediaAlunos, int TotalAlunos) {
9         float MediaGeral = 0;
10        int i = 0;
11
12        for (i = 0; i < TotalAlunos; i++) {
13            MediaGeral += MediaAlunos[i];
14        }
15        return MediaGeral/TotalAlunos;
16    }
17
18    public static void main (String[] args) {
19        Scanner scanner = new Scanner(System.in);
20        float[] MediaAlunos = new float[5];
21        int i;
22
23        for(i = 0; i < 5; i++) {
24            System.out.print("Digite as tres notas do aluno " + (i) + ": ");
25            float n1 = scanner.nextFloat();
26            float n2 = scanner.nextFloat();
27            float n3 = scanner.nextFloat();
28
29            MediaAlunos[i] = obterMedia(n1, n2, n3);
30            System.out.println("A media do aluno " + (i) + " e " + MediaAlunos[i]);
31        }
32
33        System.out.println("A media total da turma e: " + obterMediaGeral(MediaAlunos, TotalAlunos:5));
```

Below the code editor, there is a 'Run | Debug' button and a 'TERMINAL' tab. The terminal output shows the execution of the program:

```
er\workspaceStorage\3e85dd65c2e39a1de06b5744776b85e1\redhat.java\jdt_ws\P00_66993b01\bin 'MediaAlunos'
Digite as tres notas do aluno 0: 9,5 6,0 10,0
A media do aluno 0 e 8,5
Digite as tres notas do aluno 1: 5,0 4,0 8,0
A media do aluno 1 e 5.6666665
Digite as tres notas do aluno 2: 10,0 10,0 10,0
A media do aluno 2 e 10,0
Digite as tres notas do aluno 3: 10,0 0,5 9,3
A media do aluno 3 e 6.6
Digite as tres notas do aluno 4: 4,2 5,6 9,4
A media do aluno 4 e 6.3999996
A media total da turma e: 7.433333
PS C:\Trabalhos UF6\P00>
```