

C Programming Assignment 1

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1 Convert bytes into KB, MB, GB.

```
#include <stdio.h>

int main() {
    float bytes, kb, mb, gb;

    printf("Enter size in Bytes: ");
    scanf("%f", &bytes);

    kb = bytes / 1024;
    mb = bytes / (1024 * 1024);
    gb = bytes / (1024 * 1024 * 1024);

    printf("\nSize in KB = %.2f", kb);
    printf("\nSize in MB = %.2f", mb);
    printf("\nSize in GB = %.2f\n", gb);

    return 0;
}
```



The screenshot shows a C program being executed in a terminal. The program prompts the user to enter a size in bytes. The user enters 6969. The program then calculates and displays the size in KB (6.81), MB (0.01), and GB (0.00). The execution is successful.

```
1 #include <stdio.h>
2
3 int main() {
4     float bytes, kb, mb, gb;
5
6     printf("Enter size in Bytes: ");
7     scanf("%f", &bytes);
8
9     kb = bytes / 1024;
10    mb = bytes / (1024 * 1024);
11    gb = bytes / (1024 * 1024 * 1024);
12
13    printf("\nSize in KB = %.2f", kb);
14    printf("\nSize in MB = %.2f", mb);
15    printf("\nSize in GB = %.2f\n", gb);
16
17    return 0;
18 }
19
```

Enter size in Bytes: 6969

Size in KB = 6.81
Size in MB = 0.01
Size in GB = 0.00

=== Code Execution Successful ===

Figure 1: solution 13