File - D:\cpl\2023-cpl-coding-0\7-data-types\sum-product.c

```
1 /**
2 * file: sums.c
3 * See https://randomascii.wordpress.com/2012/02/25/comparing-floating
   -point-numbers-2012-edition/
5 * Created by hengxin on 11/21/21.
6 */
7
8 #include <stdio.h>
10 int main() {
11 // 0.1: 0.0 0011 0011 0011
    float f = 0.1F;
13 float sum = 0.0F;
14
   for (int i = 0; i < 10; ++i) {
15
16
    sum += f;
17
    }
18
19
    float product = f * 10;
20
21
    printf("sum = %.15f\nmul = %.30f\n",
22
          sum, product);
23
24
   return 0;
25 }
```