

Answer:

```
#include <stdio.h>

int main(void)
{
    // Defining variables for positive numbers and computation type to be done
    unsigned int a, b, compType;

    // Reading positive numbers
    printf("Input two positive numbers separated by space:");
    scanf("%u %u", &a, &b);
    // Reading computation type
    do{
        printf("Input computation type\n");
        printf("1 - product\n");
        printf("2 - sum\n");
        printf("3 - modulus\n");
        scanf("%u", &compType);
    } while (compType < 1 || compType > 3);

    // Computing
    switch (compType) {
        case 1: { // product
            printf("Product equals: %u\n", a*b);
            break;
        }
        case 2: { // sum
            printf("Sum equals: %u\n", a+b);
            break;
        }
        case 3: {
            if (!b) {
                printf("Modulus cannot be computed since the divisor equals to
zero.\n");
            }
            else {
                printf("Modulus equals: %u\n", a % b);
            }
            break;
        }
    }

    return 0;
}
```