

**Purpose:** Write a simple MIPS program that will utilize arrays and arithmetic operations.

Use the provided template and fill in the necessary instructions.

### Instructions

The program will add together dollar and cent totals and calculate the total amount. The values are provided in the template.

Using a loop, calculate the total for the dollar and cent arrays separately. Afterwards, multiply the dollar total by 100 and add it to the cent total. Use the cent total to then calculate the dollar and cents for the converted total and store them in the provided variables **totalDollars** and **totalCents**.

### Example

Dollars 4, 9, 13  
Cents 80, 5, 60

$4+9+13 = 26$  Dollars  
 $80+5+60 = 145$  Cents

$26 * 100 + 145 = 2745$  cents

$2745 / 100 = 27$  Dollars  
 $2745 \% 100 = 45$  Cents

### Submission

Once completed, upload the MIPS assembly source code file (.asm) to the class website.

### Example Execution

---

Total: \$5317.43

---