

DEFINE a dictionary COIN_CENTS that maps coin names to their values in cents:

```
"penny" -> 1
"pennies" -> 1
"nickel" -> 5
"nickels" -> 5
"dime" -> 10
"dimes" -> 10
"quarter" -> 25
"quarters"-> 25
```

FUNCTION parse_sentence(sentence):

 CONVERT sentence to lowercase

 STRIP leading and trailing spaces

 SPLIT sentence on " and " into a list of coin_groups

 SET total_cents = 0

 FOR each group in coin_groups:

 STRIP spaces from group

 SPLIT group by spaces into [quantity_string, denomination]

 CONVERT quantity_string to integer quantity

 LOOK UP denomination in COIN_CENTS to get coin_cents

 ADD (quantity * coin_cents) to total_cents

 RETURN total_cents

MAIN PROGRAM:

 READ input sentence

 CALL parse_sentence to get total_cents

 CONVERT total_cents to dollars as total_cents / 100.0

 FORMAT result to two decimal places

 PRINT result