

# Assignment: Sweet Stall

Bella is ordering for different varieties of sweets for her birthday party, each priced differently. To pay the bill, she calculates the total cost of all the sweets. The cost is stored in an array.

Calculate the sum of the array to find how much she has to pay. Bella's budget is only 10 different varieties of sweets, the total of which should not exceed Rs. 1000. If it goes beyond that display "Out of Budget". Write a Pseudocode for this scenario.

## Explanation for Pseudocode :

We need variable to store the price of 10 different varieties of sweets. To do this we should declare an array of size 10, price[10].

Also we need a variable to store the sum and it should be initialized with a value 0.

```
DECLARE variables sum ,price[10]  
SET sum=0
```

Iterate the loop 10 times to get the input for price. Here as it is array, index should start from 0 and should iterate till it reaches the value 9.

```
FOR index in 0 TO 9 DO
```

In the loop, read the price and then add it to sum.

When index is 0, read price[0], when 1, read price[1] and so on upto price[9].



*READ price[index]*

*SET sum = sum + price[index]*

To complete the for loop use :

*END FOR*

To display the amount to be paid check the sum.

*IF sum <= 1000 THEN*

*PRINT "Bella should pay " + sum*

If sum exceeds 1000, then display "Out of Budget"

*ELSE*

*PRINT "Out of Budget"*

*END IF*

Finally *END* the pseudocode

## Submission status

Submission status	Submitted for grading
Grading status	Not graded
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## Online text

**—****BEGIN****DECLARE variables sum ,price[10]****SET sum=0****FOR index in 0 TO 9 DO****READ price[index]****SET sum = sum + price[index]****END FOR****IF sum<=1000 THEN****PRINT "Bella should pay " + sum****ELSE****PRINT "Out of Budget"****END IF****END**Submission  
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