

# Reference Documentation

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## Abstract

Reference Documentation.

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1	Class List	
2	Class Hierachy	
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### bsp\_23.cpp

- void **num\_coins** (const int& price, int coins[], const int values[], const int n) .....1
- void **print\_coins** (const int coins[], const int values[], const int n) ..... 1
- float **weight\_coins** (const int coins[], const float weights[], const int n) ..... 2
- int **main** (const int argc, const char\* argv[]) .....
- void **num\_coins** (const int& price, int coins[], const int values[], const int n) .....
- void **print\_coins** (const int coins[], const int values[], const int n) .....
- float **weight\_coins** (const int coins[], const float weights[], const int n) .....

## Detailed Description

**void num\_coins (const int& price, int coins[], const int values[], const int n) []**

```
#include <bsp_23.cpp>
```

Calculates the number of coins for each value such that the price is represented.

**Parameters:**

<i>price</i>	given price to be represented
<i>coins</i>	resulting number of different coins
<i>values</i>	decending currency values of the different coins
<i>n</i>	given number of different coins

**void print\_coins (const int coins[], const int values[], const int n) []**

#include <bsp\_23.cpp>

Prints the number of coins for each value such that the price is represented.

**Parameters:**

<i>coins</i>	number of different coins
<i>values</i>	decending currency values of the different coins
<i>n</i>	number of different coins

**float weight\_coins (const int coins[], const float weights[], const int n) []**

#include <bsp\_23.cpp>

Prints the number of coins for each value such that the price is represented.

**Parameters:**

<i>coins</i>	number of different coins
<i>weights</i>	weights of the different coins
<i>n</i>	number of different coins

**Return:**

accumulated weight of the coins in the purse