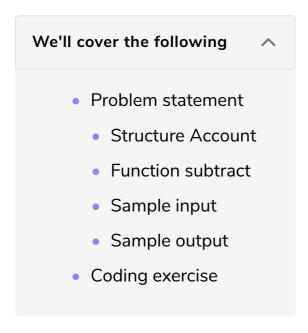
Challenge 3: Account Number of Customers with Balance < \$500

Let's test your understanding by solving a slightly tricky challenge.



Problem statement

In this challenge, you will be given the names, account numbers, and balances of the customers. Your task is to return the account numbers of customers with a balance of less than \$500.

Structure Account

To store information about account holders, we have already defined the structure **Account** for you.

Function **subtract**

In this challenge, we have already declared the function check_account of type void that takes an array of type Account and int, respectively, in its input

parameters. The function also takes the size of the array in its input parameters.

```
void check_account ( struct Account p1[], int arr [], int size )
```

Initially, arr is initialized to **0**. Your task is to find the account number with a balance of less than \$500 and fill the corresponding element in arr with a person's account number. If the balance is greater than or equal to \$500, then fill the corresponding element with **-1**.

You have to write your program logic inside the function check_account.

Sample input

```
check_account( {{John ,578328,890.0000000 },{Alex ,908210,430.2000000 },{Kim ,16 5216,98.5000000 }} , {0,0,0} )
```

Sample output

```
{-1,908210,165216}
```

Coding exercise

Before diving directly into the solution, first, try to solve it yourself, and then check if your code passes all the test cases. If you get stuck, you can always see the given solution.

Good Luck! 👍

```
// Structure to store Account information
struct Account {
    string name;
    int number;
    double balance;
};

// Function to find account numbers with less than 500 balance
void check_account(struct Account p[], int arr[], int size) {
    // Write your code here
}

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```

In case you are stuck, let's go over the solution review in the next lesson.