

```
<?php
```

```
$account_balance = 0.0;
```

```
function check_balance($balance) {  
    echo "Your current balance is: $" . number_format($balance, 2) . "\n";  
}
```

```
function deposit(&$balance) {  
    $amount = (float)readline("Enter the amount to deposit: $");  
    if ($amount > 0) {  
        $balance += $amount;  
        echo "$" . " has been deposited.\n".number_format($amount, 2) ;  
    } else {  
    }  
}
```

```
function withdraw(&$balance) {  
    $amount = (float)readline("Enter the amount to withdraw: $");  
    if ($amount > $balance) {  
        echo "Insufficient balance. Please try a smaller amount.\n";  
    } elseif ($amount <= 0) {  
        echo "Invalid withdrawal amount. Please enter a positive number.\n";  
    } else {  
        $balance -= $amount;  
        echo "$" . number_format($amount, 2) . " has been withdrawn.\n";  
    }  
}
```

```
function main() {  
    global $account_balance;
```

```
    $max_attempts = 3;  
    $attempts = 0;
```

```
    while ($attempts < $max_attempts) {  
        echo "ATM System\n";  
        echo "1. Check Balance\n";  
        echo "2. Deposit Money\n";  
        echo "3. Withdraw Money\n";  
        echo "4. Exit\n";
```

```
        $choice = readline("Enter your choice: ");
```

```
        switch ($choice) {  
            case '1':  
                check_balance($account_balance);  
                break;  
            case '2':  
                deposit($account_balance);  
                break;  
            case '3':  
                withdraw($account_balance);  
                break;  
            case '4':  
                echo "Thank you for using the ATM System. Goodbye!\n";  
                return;  
            default:  
                echo "Invalid choice. Please select a valid option.\n";
```

```
    }  
    $attempts++;  
  }  
}
```

```
main();  
?>
```