

# ACT #37 Answer Sheet

```
function runActivity() {  
  const fruit_names = [];  
  const fruit_prices = [];  
  
  while (true) {  
    let fruit_name = prompt("What is the name of the fruit? (0) Stop");  
    if (fruit_name == 0) {  
      break;  
    }  
    let fruit_price = Number(prompt("What is the price of the fruit?"));  
  
    if (fruit_price >= 0) {  
      fruit_names.push(fruit_name);  
      fruit_prices.push(fruit_price);  
    } else {  
      console.error("ERROR: Invalid price! Enter a positive value.");  
    }  
  }  
  
  for (let i = 0; i < fruit_names.length; i++) {  
    console.log(fruit_names[i] + " | PHP " + fruit_prices[i]);  
  }  
  
  while (true) {  
    let choice_name = prompt("What would you like to buy? (0) Stop");  
    if (choice_name == 0) {  
      break;  
    }  
    let fruit_found = false; //up to you if you use  
  
    for (let i = 0; i < fruit_names.length; i++) {  
      if (fruit_names[i] == choice_name) {  
        fruit_found = true;  
        let amount = Number(  
          prompt("How many " + choice_name + " would you like buy?")  
        );  
        if (amount >= 0) {
```

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    let total = amount * fruit_prices[i];
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    console.log("Total price: PHP " + total);
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  } else {
```

```
    console.error("ERROR: Can not have negative amount.");
```

```
  }
```

```
}
```

```
}
```

```
if (fruit_found == false) {
```

```
  console.error("ERROR: Fruit was not found.");
```

```
}
```

```
}
```

```
}
```