### Input

* The **possible** commands are:
  + **"vehicle1>>vehicle2>>vehicle3…"**
  + **"family"**
  + **"heavyDuty"**
  + **"sports"**

### Output

* The **possible** outputs are:
  + **"****Invalid car type."**
  + **"A {car type} car will pay {total tax to pay} euros in taxes."**
  + **"The National Revenue Agency will collect {total tax collected} euros in taxes."**

### Examples

|  |  |
| --- | --- |
| ****Input**** | ****Output**** |
| **family 3 7210>>van 4 2345>>heavyDuty 9 31000>>sports 4 7410** | **A family car will pay 59.00 euros in taxes.**  **Invalid car type.**  **A heavyDuty car will pay 50.00 euros in taxes.**  **A sports car will pay 118.00 euros in taxes.**  **The National Revenue Agency will collect 227.00 euros in taxes.** |
| ****Comment**** | |
| We start looping through the array, the first car is a **family** car, which should pay taxes for **3 years** in use and has **traveled 7210 km**.  The taxes are calculate as follows: 7210 / 3000 \* 12 + (50 - 3 \* 5) = **59.00 euros**  **The family car must pay 59.00 euros in taxes.**  **The next car is a van, which is an invalid car type.**  **Next, we have heavyDuty car, with 9 years in use, and has traveled 31000 km. The tax which heavyDuty car should pay is 50.00 euros.**  **On the last iteration, we have a sports car that is 4 years in use and has traveled 7410 km. The tax which the sports car should pay is 118.00 euros.**  **At the end the National Revenue Agency collected 59.00 + 50.00 + 118.00 = 227.00 euros in taxes.** | |

|  |  |
| --- | --- |
| ****Input**** | ****Output**** |
| **family 5 3210>>pickUp 1 1345>>heavyDuty 7 21000>>sports 5 9410>>family 3 9012** | **A family car will pay 37.00 euros in taxes.**  **Invalid car type.**  **A heavyDuty car will pay 52.00 euros in taxes.**  **A sports car will pay 127.00 euros in taxes.**  **A family car will pay 71.00 euros in taxes.**  **The National Revenue Agency will collect 287.00 euros in taxes.** |

**JS Examples**

The input will be an array with a **string**.

|  |  |
| --- | --- |
| ****Input**** | ****Output**** |
| ([ 'family 3 7210>>van 4 2345>>heavyDuty 9 31000>>sports 4 7410' ]) | **A family car will pay 59.00 euros in taxes.**  **Invalid car type.**  **A heavyDuty car will pay 50.00 euros in taxes.**  **A sports car will pay 118.00 euros in taxes.**  **The National Revenue Agency will collect 227.00 euros in taxes.** |
| **Comments** | |
| We start looping through the array, the first car is a **family** car, which should pay taxes for **3 years** in use and has **traveled 7210 km**.  The taxes are calculate as follows: 7210 / 3000 \* 12 + (50 - 3 \* 5) = **59.00 euros**  **The family car must pay 59.00 euros in taxes.**  **The next car is a van, which is an invalid car type.**  **Next, we have heavyDuty car, with 9 years in use, and has traveled 31000 km. The tax which heavyDuty car should pay is 50.00 euros.**  **On the last iteration, we have a sports car that is 4 years in use and has traveled 7410 km. The tax which the sports car should pay is 118.00 euros.**  **At the end the National Revenue Agency collected 59.00 + 50.00 + 118.00 = 227.00 euros in taxes.** | |
| **Input** | **Output** |
| ([ 'family 5 3210>>pickUp 1 1345>>heavyDuty 7 21000>>sports 5 9410>>family 3 9012' ]) | **A family car will pay 37.00 euros in taxes.**  **Invalid car type.**  **A heavyDuty car will pay 52.00 euros in taxes.**  **A sports car will pay 127.00 euros in taxes.**  **A family car will pay 71.00 euros in taxes.**  **The National Revenue Agency will collect 287.00 euros in taxes.** |