**findMiddleAge**

Write a function that takes in an array of three persons, finds the person whose age is the middle one of the three persons, and returns the name and age of that person to the caller. For example, if the array is `{{"Tom",18},{"John",19}, {"Jim",20}}`, then the person `John` and his age will be returned. In this question, you may assume that the three persons have different ages. The structure Person is defined below:

```
typedef struct {
   char name[20];
   int age;
} Person;
```

The function prototype is given below:

```
Person findMiddleAge(Person *p);
```

In addition, you are also required to write another function to read the three persons' information. The input data are passed to the calling function via the pointer parameter `p`. The function prototype is given below:

```
void readData(Person *p);
```

A sample program template is given below to test the functions:

```
#include <stdio.h>
typedef struct {
   char name[20];
   int age;
} Person;
void readData(Person *p);
Person findMiddleAge(Person *p);
int main()
{
   Person man[3], middle;

   readData(man);
   middle = findMiddleAge(man);
   printf("findMiddleAge(): %s %d\n", middle.name, middle.age);
   return 0;
}
void readData(Person *p)
{
   /* Write your code here */
}
Person findMiddleAge(Person *p)
{
   /* Write your code here */
}
```

Some sample input and output sessions are given below:

(1) Test Case 1:

```
Enter person 1:
john 23
Enter person 2:
peter 56
Enter person 3:
mary 31
findMiddleAge(): mary 31
```

(2) Test Case 2:

```
Enter person 1:
vincent 11
Enter person 2:
raymond 22
Enter person 3:
alex 12
findMiddleAge(): alex 12
```