1. Declare a struct that represents time value in seconds, minutes and hours. Write a program that reads second, minute and hour values from console, stores those values in a variable of type Time and finally prints those values by accessing the members of that Time variable.
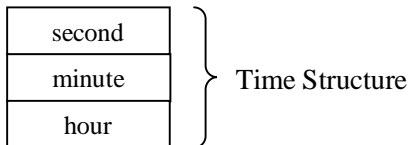


Time Structure

```
struct Time
{
      // members...
};
```

2. Write a function that checks whether two Time objects are equal or not. Function should return true if two Time objects are equal, otherwise false. Use the Time structure you declared in the preceding question.
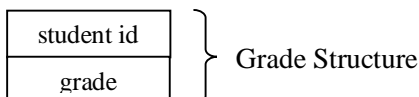
   Function prototype:
   ```
   bool TimeIsEqual(const Time *pTime1, const Time *pTime2);
   ```

3. Write a function that prints the words in a string in reverse order. For instance; the function should print the string "print me now" as "now me print". Words or tokens in the input string are expected to be separated by space characters(' ').

   Function prototype:
   ```
   void printWordsReverse(const char *str);
   ```

4. Declare a struct that represents the grade of an exam with two members: the grade and the student id. Then write a program as follows: Define an array of Grades of size 30 to store the grades of the students in a class, calculate the average of the exam and store it in a variable of type double and finally print the average.
   (Hint: When calculating the average, make use of type casting in order to obtain the result in real number format, e.g. 72.33)



Grade Structure

```
struct Grade
{
      // members...
};
```