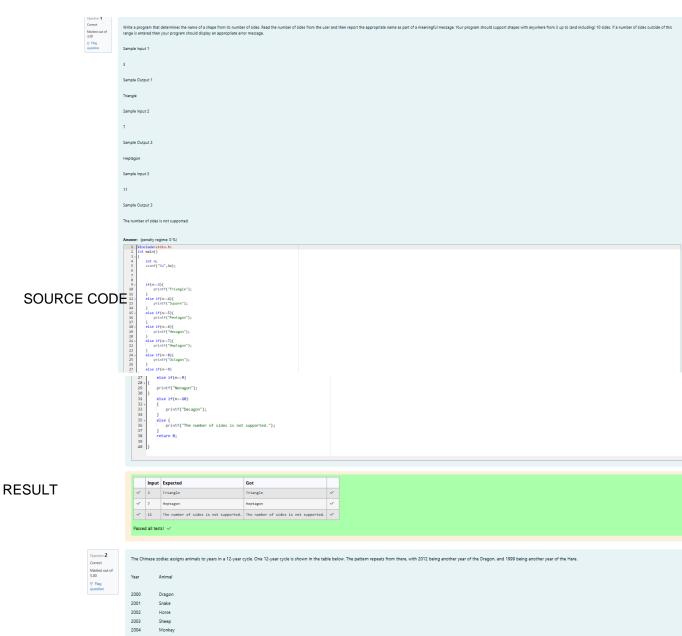
WEEK 3:02



The Chinese zodiac assigns animals to years in a 12-year cycle. One 12-year cycle is shown in the table below. The pattern repeats from there, with 2012 being another year of the Dragon, and 1999 being another year of the Hare.

Year Animal

2000 Dragon

2001 Snake

2002 Horse

2003 Sheep

2004 Monkey

2005 Rootser

2006 Dog

2007 Pig

2008 Rat

2009 Ox

2010 Tiger

2011 Hare

Write a program that reads a year from the user and displays the animal associated with that year. Your program should work correctly for any year greater than or equal to zero, not just the ones listed in the table.

Sample Routput 1

Monkey

```
2004
                                                              Sample Output 1
                                                              2010
                                                              Sample Output 2
                                                               Answer: (penalty regime: 0 %)
                                                                SOURCE CODE
                                                                            int year;
const char"animals[]={"Dragon", "Snake", "Horse", "Sheep", "Monkey", "Rooster", "Dog", "Pig", "Rat", "Ox", "Tiger", "Hare"};
scanf("Ma", Syear);
int index = (gear-2000)%12;
if(Index < 0){
    index +=12;
}
                                                                              }
printf("%s\n",animals[index]);
return 0;
                                                                        Input Expected Got

        ✓
        2084
        Monkey
        Monkey
        ✓

        ✓
        2010
        Tiger
        Tiger
        ✓

                                                                Passed all tests! ✓
                                                              Positions on a chess board are identified by a letter and a number. The letter identifies the column, while the number identifies the row, as shown below:
                                      Vlarked out of
7.00
                                           a 1
                                            Sample Output 2
SOURCE CODE in includecstdio. by
                                                     }
else{
   printf("The square is black.\n");
                                            | Input | Expected | Got |

✓ a 1 | The square is black. The square is black. ✓ d 5 | The square is white. | The square is white. ✓
```

RESULT

RESULT