1) Four friends are playing cards. One person has to assume whether the opponent is givining correct judgment or not? The scenario is to simulate a person to pick a card from a deck of 52 cards. The opponent should be able to recognise the rank and suit of the card . i.e(Rank can be : Ace,2,3,4,5,6,7,8,9,10,Jack,Queen,king) and suit : Clubs,Diamonds,Heart,Spades).

Here is a sample run of the program:

The card you picked is the Jack of Hearts

2) An astrologer is interested to do analysis for the calculations w.r.t zodiac signs .The zodiac sign depends upon the month , day and date on which any person is born. To make his work easy, help the astrologer to display first days of each month by considering his requirements. He has to only provide the year and first day of the year .

Sample : if the user entered year 2013, and 2 for Tuesday, January 1, 2013, the program should display the following output:

January 1, 2013 is Tuesday

…

December 1, 2013 is Sunday

3) A teaching assistance is asked to prepare program to generate a quiz corresponding to faculties requirement. The program should generates questions depending on faculties requirement should report correct answers after a student answers all of them. Also , the time spent on the test by each student should be known