```
1. Create a number guessing game.
    _____
3
   System will generate a number randomly between 1 and 10 and keep it
    The user have to guess this number in 5 attempts.
5
    If the guess is +- 9,8 numbers away, it is 'very cold'
    If the guess is +- 7,6 numbers away, it is 'cold'
6
    If the guess is +- 5,4 numbers away, it is 'neutral'
7
8
    If the guess is +- 3 numbers away, it is 'warm'
    If the guess is +- 2 numbers away, it is 'hot'
9
10
    If the guess is a match, should give the message 'Its a match! Congrats', play again
11
    The response of the computer should be like
12
    1.Start the Game
13
14
    2.Exit
15
16
    I've already guessed one.
17
    Enter your guess: 2
18
19
20
   Your guess is warm from left and cold from right. Try again
21
   Enter your guess: 3
22
23
   Your guess is cold from left and warm from right. Try again
   Enter your guess: 4
24
25
26
    Your guess is cold from left and warm from right. Try again
27
    Enter your guess: 6
28
29
   Its a match! Congrats
30 1.Play again
31
    2.Exit
32
33
34
35
    2. Student report card management system
36
    ______
37
38
    This project requires managing student records. A student record contains a roll number,
```

- 8 This project requires managing student records. A student record contains a roll number, name and marks obtained in maths, physics, chemistry, english and prgraming. The system should be able to do the following
- 39 1. create a student record
- 40 2. delete a student record based on the roll number
- 41 3. modify the marks in a student record given in roll number
- 42 4. display all student records
- 43 5. display a students record based on the roll number