1. A university wants to automate their admission process. Students are admitted based on marks scored in a qualifying exam.  
   A student is identified by student id, age and marks in qualifying exam. Data are valid, if:

* Age is greater than 20
* Marks is between 0 and 100 (both inclusive)

A student qualifies for admission, if

* Age and marks are valid and
* Marks is 65 or more

Write a python program to represent the students seeking admission in the university with and without using the concept of arrays.

1. Write a Python class named Circle constructed by a radius and two methods which will compute the area and the perimeter of a circle.
2. A). TechWorld, a technology training centre, wants to allocate courses for instructors.  
   An instructor is identified by name, technology skills, experience and average feedback.  
   An instructor is allocated a course, if he/she satisfies the below two conditions:

* eligibility criteria:
  + if experience is more than 3 years, average feedback should be 4.5 or more
  + if experience is 3 years or less, average feedback should be 4 or more
* he/she should possess the technology skill for the course

Identify the class name and attributes to represent instructors

B). Write a Python program to implement the class chosen with its attributes and methods.

**Note**:

1. Consider all instance variables to be private and methods to be public
2. An instructor may have multiple technology skills, so consider instance variable, technology\_skill to be a list
3. **check\_eligibility():** Return true if eligibility criteria is satisfied by the instructor. Else, return false
4. **allocate\_course(technology):** Return true if the course which requires the given technology can be allocated to the instructor. Else, return false
5. Perform case sensitive string comparison