

Understand and design the scenario using Object oriented concepts.

Raiyan, Tahsin, Anika, Salman are friends. They have the same age. They live in Dhaka. As a person, they can eat, sleep, walk, learn. Raiyan is a good programmer. He works for a company as a junior software engineer. There, he performs his coding task. Tahsin is a good dancer. She dances in different festivals as a member of the Elite Group of Choturongo Shilpokola Academy. Anika likes to sing and play guitar. She is a member of the Imaginary band where she performs as the lead vocalist.

- Use an appropriate name to define a class.
- Identify the properties and methods of each class and give a suitable name.
- Use constructor for classes
- Apply OOC like encapsulation, inheritance if necessary
- Write a separate class to create objects of other classes and call their properties/methods.
(write a simple statement within the method body to distinguish their activity)