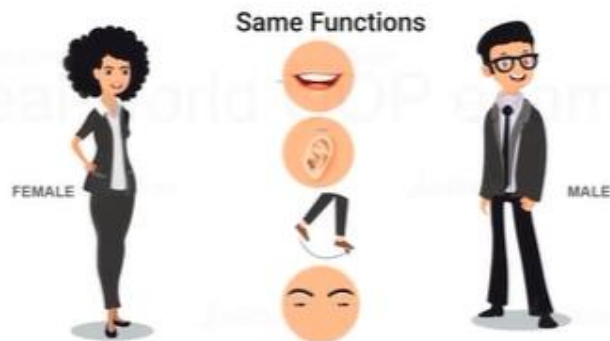


## Lecture 4 – Real World OOPs Example

### Real-world OOP example



Every Human Being is Classified into:



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### Real-world OOP example



Common body features and functions are **Class Attributes**

Every Human has:



Every Human has:



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## Real-world OOP example



Male and Female are **inherited** from Class Human Being



## Real-world OOP example



'Name' and 'Age' are **object** of class MALE



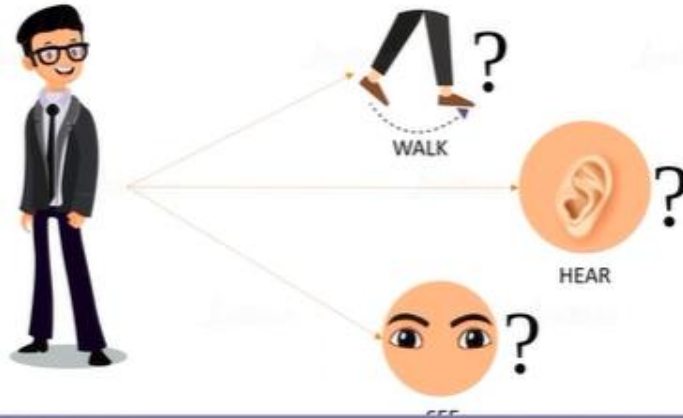
Class: MALE  
Name: Victor  
Age: 24

- Objects have a physical existence
- Class is just a logical definition

## Real-world OOP example



You don't know the detail of how you walk, listen or see.  
i.e. its hidden or Encapsulated



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## Real-world OOP example



'She' can be a woman, wife, mother and a teacher at the same time which is many forms or **Polymorphism**



WOMAN



WIFE or  
MOTHER



TEACHER

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