

1. Write what is meant by operator overloading and method overriding with examples.

```
class Person:
```

```
    def __init__(self, name, age, height, weight) -> None:
        self.name = name
        self.age = age
        self.height = height
        self.weight = weight
```

```
class Cricketer(Person):
```

```
    def __init__(self, name, age, height, weight) -> None:
        super().__init__(name, age, height, weight)
```

```
sakib = Cricketer('Sakib', 38, 68, 91)
musfiq = Cricketer('Rahim', 36, 68, 88)
kamal = Cricketer('Kamal', 39, 68, 94)
jack = Cricketer('Jack', 38, 68, 91)
kalam = Cricketer('Kalam', 37, 68, 95)
```

2. Find out which of these players is older using the operator overloading.
3. Write down 4 differences between the class method and static method with proper examples.
4. Write what are getter and setter with proper examples
5. Explain the difference between inheritance and composition with proper examples.