

How to Create a Student Object in Java?

1. What properties does a student have?

Here we will just create a simple student object, so we need Name, Age, and GPA these three variables.

2. Now we need to create a class. A class is a blueprint from which individual objects are created.

```
public class Student {  
  
    String name;  
    int age;  
    int gpa;  
  
    public String getName() {  
        return name;  
    }  
  
    public int getAge() {  
        return age;  
    }  
  
    public int getGPA() {  
        return gpa;  
    }  
}
```

3. In order to instantiate an object from the Student class, we need a constructor. Each time a new object is created, at least one constructor will be invoked. The main rule of constructors is that they should have the same name as the class. A class can have more than one constructor.

```
public class Student {  
  
    public Student(String name, int age, int gpa) {  
        this.name = name;  
        this.age = age;  
        this.gpa = gpa;  
    }  
}
```

4. To create a custom student object, you can just simply specify your parameters when you call the constructor!

For example, John is a student who is 20, and has 3.5 GPA. I can write:

```
Student s = new Student("John", 20, 3.5);
```

Congratulations! You just created a student object in Java!