|  |  |  |
| --- | --- | --- |
|  | Length | Offset |
| firstName | 9 | 0 |
| lastName | 9 | 9 |
| id | 4 | 18 |
| gpa | 4 | 22 |
| currentHours | 4 | 26 |
| totalHours | 4 | 30 |

Exercise 14

Exercise 15

Base\_Address(student) = 100

Offset(gpa) = 22

Address(student.gpa) = Base\_Address(student) + Offset(gpa) = 100 + 22 = 122

Exercise 16

sizeof(StudentRecord) = 36

sizeof(students) = sizeof(StudentRecord) \* 100 = 3600