Question 2.

**package** guviTask2;

**import** java.util.Scanner;

**public** **class** Employee {

**private** **int** id;

**private** String firstName;

**private** String lastName;

**private** **int** salary;

**public** Employee(**int** id, String firstName, String lastName, **int** salary) {

**this**.id = id;

**this**.firstName = firstName;

**this**.lastName = lastName;

**this**.salary = salary;

}

**public** **int** getID() {

**return** id;

}

**public** String getFirstName() {

**return** firstName;

}

**public** String getLastName() {

**return** lastName;

}

**public** String getName() {

**return** firstName + " " + lastName;

}

**public** **int** getSalary() {

**return** salary;

}

**public** **void** setSalary(**int** salary) {

**this**.salary = salary;

}

**public** **int** getAnnualSalary() {

**return** salary \* 12;

}

**public** **int** raiseSalary(**int** percent) {

salary += salary \* percent / 100;

**return** salary;

}

@Override

**public** String toString() {

**return** "Employee[id=" + id + ", name=" + firstName + " " + lastName + ", salary=" + salary + "]";

}

**public** **static** **void** main(String[] args) {

Scanner scanner = **new** Scanner(System.***in***);

System.***out***.print("Enter employee ID: ");

**int** id = scanner.nextInt();

scanner.nextLine();

System.***out***.print("Enter first name: ");

String firstName = scanner.nextLine();

System.***out***.print("Enter last name: ");

String lastName = scanner.nextLine();

System.***out***.print("Enter salary: ");

**int** salary = scanner.nextInt();

Employee employee = **new** Employee(id, firstName, lastName, salary);

System.***out***.println("\nEmployee Information:");

System.***out***.println(employee.toString());

System.***out***.println("Annual Salary: " + employee.getAnnualSalary());

System.***out***.print("\nEnter raise percentage: ");

**int** percent = scanner.nextInt();

**int** newSalary = employee.raiseSalary(percent);

System.***out***.println("Updated Salary after " + percent + "% raise: " + newSalary);

scanner.close();

}}

Output:

|  |
| --- |
| Enter employee ID: 1221  Enter first name: Raja  Enter last name: Sheik  Enter salary: 50000  Employee Information:  Employee[id=1221, name=Raja Sheik, salary=50000]  Annual Salary: 600000  Enter raise percentage: 10  Updated Salary after 10% raise: 55000 |