Ankit Phondani Roll No. 2001031 Std. Id: 20561013

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👤 person (1).java 🗴
Users > ankit > Downloads > 👱 person (1).java
               public void updateSalary(int years) {
                     public void updateSalary(int years) {
    if(2021 - joiningYear > 10) {
        this.salary = ((15 / 100) * this.salary ) + this.salary;
} else if(2021 - joiningYear > 5) {
        this.salary = ((5 / 100) * this.salary ) + this.salary;
} else if(2021 - joiningYear > 3) {
        this.salary = ((3 / 100) * this.salary ) + this.salary;
}
              class InvlaidID extends Exception{
              class InvalidSalary extends Exception{
   InvalidSalary(String s){
               class InvalidJoin extends Exception{
   InvalidJoin(String s){
               public class Main {{
    public static void main(String[] args) {
        Employee emp = new Employee(1, "Ankit", 20000, 2010);
}
                     System.out.println(emp.id);
System.out.println(emp.name);
System.out.println(emp.salary);
System.out.println(emp.joiningYear);
```

```
abstract class Person {
 private String person_name;
 private int id;
 public abstract void setDetails(int id, String name, double salary, int joiningYear);
class Employee extends Person {
  double salary;
  int joiningYear;
  int id;
  String name;
 Employee(int id, String name, double salary, int joiningYear){
  setDetails(id, name, salary, joiningYear);
 }
 public void setDetails(int id, String name, double salary, int joiningYear) {
  try {
     if(id \le 0) {
       throw new InvlaidID("Invalid id");
```

}

```
}
     if(salary < 1000 || salary > 4000) {
       throw new InvalidSalary("");
     }
     if(joiningYear <1994 || joiningYear > 2021) {
       throw new InvalidJoin("");
     this.id = id;
     this.name = name;
     this.salary = salary;
     this.joiningYear = joiningYear;
  } catch(Exception m){
     System.out.println("Exception occured: "+m);}
  }
 }
 public void updateSalary(int years) {
    if(2021 - joiningYear > 10) {
      this.salary = ((15 / 100) * this.salary) + this.salary;
    } else if(2021 - joiningYear > 5) {
      this.salary = ((5 / 100) * this.salary) + this.salary;
   } else if(2021 - joiningYear > 3) {
      this.salary = ((3 / 100) * this.salary) + this.salary;
   }
 }
}
class InvlaidID extends Exception{
 InvlaidID(String s){
 super(s);
}
}
class InvalidSalary extends Exception{
 InvalidSalary(String s){
 super(s);
}
```

```
class InvalidJoin extends Exception{
   InvalidJoin(String s){
    super(s);
   }
}

public class Main {
   public static void main(String[] args) {
      Employee emp = new Employee(1, "Ankit", 20000, 2010);
      System.out.println(emp.id);
      System.out.println(emp.name);
      System.out.println(emp.salary);
      System.out.println(emp.joiningYear);
   }
}
```