51)

package doselect;

public class User {

private String name;

private String city;

private String state;

private String pincode;

private String dob;

public User(String name, String city, String state, String pincode, String dob){

this.name=name;

this.city=city;

this.state=state;

this.pincode=pincode;

this.dob=dob;

}

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public String getCity() {

return city;

}

public void setCity(String city) {

this.city = city;

}

public String getState() {

return state;

}

public void setState(String state) {

this.state = state;

}

public String getPincode() {

return pincode;

}

public void setPincode(String pincode) {

this.pincode = pincode;

}

public String getDob() {

return dob;

}

public void setDob(String dob) {

this.dob = dob;

}

}

class EmployeeID{

public User user;

public EmployeeID(User user){

this.user=user;

}

public String generateId(){

boolean x=pincodeValidator();

boolean y=dobValidator();

if(x==false){

return "NA";

}

else if(x==true && y==true){

String pas1;

pas1=user.getName().substring(0, 3)+user.getCity().substring(0, 1)+user.getState().substring(0,1)+user.getDob().substring(0,2);

return pas1;

}

else {

String pas2;

pas2=user.getName().substring(0,3)+user.getCity().substring(0,1)+user.getState().substring(0,1);

return pas2;

}

}

public boolean pincodeValidator(){

String reg="[0-9]\*";

if(user.getPincode().length()==6 && user.getPincode().matches(reg)){

return true;

}

else{

return false;

}

}

public boolean dobValidator(){

String reg1="[0-9][0-9][/][0-9][0-9][/][0-9][0-9][0-9][0-9]";

if(user.getDob().matches(reg1)){

return true;

}

else{

return false;

}

}

}

class UserMain{

public static void main(String[] args){

User user = new User("doselect","d","delhi","400001","22/04/2002");

EmployeeID employeeID = new EmployeeID(user);

String str=employeeID.generateId();

System.out.println(str);

}

}