


```
Enter year: 100  
100 is not a leap year
```

```
Press ENTER or type command to continue_
```

```
Enter year: 4  
4 is a leap year
```

```
Press ENTER or type command to continue_
```

```
Enter year: 400  
400 is a leap year
```

```
Press ENTER or type command to continue
```

```
Enter year: 35  
35 is not a leap year
```

```
Press ENTER or type command to continue_
```

```
1  /*
2
3  Jared Dyreson
4  CWID: 889546529
5  MailingAddress.java -> string catentation program based on user input. Prints their current address
6
7  */
8  import java.util.Scanner;
9
10 public class MailingAddress{
11
12     public static void main(String args[]){
13
14         // instantiate standard input
15         Scanner stdin = new Scanner(System.in);
16
17         // street prompt
18         System.out.print("Street: ");
19         // capture street input
20         String street_address = stdin.nextLine();
21         // housing number prompt
22         System.out.print("House or apartment number: ");
23         // capture housing number
24         int housing_number = stdin.nextInt();
25         // clear buffer
26         stdin.nextLine();
27         // city prompt
28         System.out.print("City: ");
29         // capture city input
30         String city = stdin.nextLine();
31         // zip code prompt
32         System.out.print("Zip code: ");
33         // capture zip code
34         int zip_code = stdin.nextInt();
35         // clear buffer
36         stdin.nextLine();
37         // state abbreviation prompt
38         System.out.print("State abbreviation: ");
39         // capture state abbreviation
40         String state_abbrv = stdin.nextLine();
41
42         // print all the information out using string "addition"/catenation
43         System.out.println(housing_number + " " + street_address + "," + " " + city + " " + state_abbrv + " " + zip_code);
44     }
45 }
```

Street: North State College Blvd

House or apartment number: 800

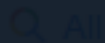
City: Fullerton

Zip code: 92831

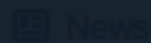
State abbreviation: CA

800 North State College Blvd, Fullerton CA 92831

Press ENTER or type command to continue_



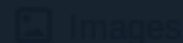
All



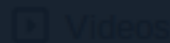
News



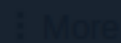
Maps



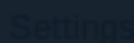
Images



Videos



More



Settings


```
1  /*
2
3  Jared Dyreson
4  CWID: 889546529
5  NameAge.java -> Fizz buzz like problem but for age brackets
6
7  */
8
9
10 import java.util.Scanner;
11
12 public class NameAge{
13     public static void main(String args[]){
14
15         // create a way to get standard input from the user
16         Scanner stdin = new Scanner(System.in);
17         // prompt so it does not look like a static terminal
18         System.out.print("Enter your age: ");
19         // capture the age
20         int age = stdin.nextInt();
21
22         // clear the buffer == cin.ignore();
23         stdin.nextLine();
24         // prompt so it does not look like a static terminal
25         System.out.print("Enter your name: ");
26         // capture the name
27         String name = stdin.nextLine();
28
29         String category;
30
31         // our table mapping. Each age bracket is given a name instead of having several println function calls
32         if(age < 1){ category = "infant"; }
33         // ages 1-3
34         else if((age >= 1) && (age <= 3)) { category = "toddler"; }
35         // ages 4-5
36         else if((age >= 4) && (age <= 5)) { category = "preschooler"; }
37         // ages 6-12
38         else if((age >= 6) && (age <= 12)) { category = "grade schooler"; }
39         // ages 13-18
40         else if((age >= 13) && (age <= 18)) { category = "teenager"; }
41         // ages 19-21
42         else if((age >= 19) && (age <= 21)) { category = "young adult"; }
43         // ages 21 and older
44         else { category = "adult"; }
45         // print the name and their corresponding age bracket
46         System.out.println(name + " is a " + category);
47     }
48 }
```

```
Enter your age: 19
Enter your name: Jared
Jared is a young adult
```

```
Press ENTER or type command to continue_
```

```
Enter your age: 26
Enter your name: Elise
Elise is a adult
```

```
Press ENTER or type command to continue
```