Solution

Define a class named **WebPage** with four **private fields: url (String), hasComments (boolean), totalWords (int) and numberOfPages (int).**

a. Write the class definition.

```
public class WebPage{

private String url;
private boolean hasComments;
private int totalWords;
private static int numberOfPages;


}
```

b. Write three arguments overloaded constructor.

```java
public WebPage(String u, boolean cm, int tWords){

    url = u;
    hasComments = cm;
    totalWords = tWords;


}
```

c. Write a method called setData that sets the fields with the values specified.

```java
public void setData(String u, boolean cm, int tWords){

    url = u;
    hasComments = cm;
    totalWords = tWords;


}
```

d. Write a method called getTotalWords that returns the total number of words on the Web page.

```java
public int getTotaWords(){

    return totalWords;


}
```

e. Write a method copyWebpage that copies a WebPage data to the other Web page instance.

```
public Bike copyWebpage(WebPage wp){

  WebPage newWP =  new WebPage();

  // Assuming that we have setter and getter for each field
  newWP.setURL(wp.getURL);
  newWP.setHasComments(wp.getHasComments);
  newWP.setTotalWords(wp.getTotalWords);

   return newWP;

}
```