

## FIND LOWEST PRICED PRODUCT

```
package nikhil;
import java.util.ArrayList;
import java.util.HashMap;
import java.util.List;
import java.util.Map;
import java.util.Map.Entry;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;

public class micro {

    public static void main(String[] args) {
        System.setProperty("webdriver.chrome.driver",
"C:\\\\Users\\DELL\\Downloads\\chromedriver_win32\\chromedriver.exe");
        WebDriver driver=new ChromeDriver();
        driver.get("http://www.amazon.in/");
        driver.manage().window().maximize();
        WebElement bar=driver.findElement(By.id("twotabsearchtextbox"));
        bar.sendKeys("mobile phone");
        WebElement sbar=driver.findElement(By.id("nav-search-submit-button"));
        sbar.click();

        List<WebElement> priceElements =driver.findElements(By.cssSelector("[class='a-
price-whole']"));
        Map<WebElement, Integer> map = new HashMap<WebElement, Integer>();
        for(int i = 0;i < priceElements.size();i++) {

            if(priceElements.get(i).getText() != ""){

                map.put(priceElements.get(i),Integer.parseInt(priceElements.get(i).getText().rep
laceAll(",","")) );

            }

        }

        List<Entry<WebElement, Integer>> le=new ArrayList<Map.Entry<WebElement,
Integer>>(map.entrySet());
        le.sort(Entry.comparingByValue());

        for(Entry e : le) {
            System.out.println(e.getValue());
        }
        le.get(0).getKey().click();

    }

}
```