

Today's Deals

Great prices on popular products



Laptop

★★★★☆ (127)

₹800000.00 ~~₹960000.00~~

Save 20%

Prime

Get it by Tomorrow, FREE Delivery

High-performance laptop with 16GB RAM

Add to Cart

Buy Now



Utu Campus

★★★★☆ (127)

₹500000000.00

Save 20%

Prime

Get it by Tomorrow, FRI

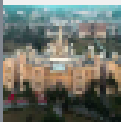

4 acres of land with s
perfect place for dest

Add to Cart

Buy Now

Simple Online Shopping Desktop Application

This presentation walks you through a minimal Java Swing application that simulates an online shopping experience. You'll learn about the core features, project setup, and how to use the app's intuitive interface to manage products and complete checkout. Designed for novice Java developers, this guide provides step-by-step instructions and visuals to help you master GUI programming in Java with practical examples.

	Utu Campus ₹5000000000.00 In Stock	Delete
	Laptop ₹800000.00 In Stock	Delete

Order Summary

Items:	₹500800000.00
Shipping:	FREE
Total:	₹500800000.00

Proceed to Checkout

Core Features of the Shopping App

Product Listings

Displays products including names, prices, and descriptions for easy browsing.

Shopping Cart Management

Add or remove selected products dynamically with buttons for smooth interaction.

Checkout Process

Simulates order confirmation and displays total cost of the items purchased.

Simple Online Shopping Desktop

A minimal Java Swing application that simulates an online shopping cart, and checkout functionality.

Features

- View a list of products with names, prices, and descriptions
- Add products to your shopping cart
- Remove products from your cart
- View the total cost of items in your cart
- Complete a simulated checkout process

Requirements

- Java Development Kit (JDK) 8 or higher

How to Compile and Run

Using Command Line

1. Compile the Java files:

```
javac Product.java OnlineShopApp.java
```

System Requirements for Development



Java Development Kit (JDK)

Requires JDK 8 or higher to compile and run the application without issues.



Development Environment

Can be used with command-line tools or any popular IDE such as Eclipse or IntelliJ IDEA.



Operating System

Platform independent; runs on Windows, macOS, or Linux with proper Java installation.

```
OnlineShopApp.java X
OnlineShopApp.java
1  import javax.swing.*;
2  import java.awt.*;
3  import java.awt.event.*;
4  import java.util.ArrayList;
5  import javax.swing.border.*;
6  import java.awt.image.BufferedImage;
7  import javax.imageio.ImageIO;
8  import java.io.File;
9  import java.io.IOException;
10
11  public class OnlineShopApp {
12      // Main frame
13      private JFrame frame;
14
15      // Panels
16      private JPanel productPanel;
17      private JPanel cartPanel;
18
19      // Components
20      private JLabel totalLabel;
21      private JButton checkoutButton;
22
23      // Data
24      private ArrayList<Product> products;
25      private ArrayList<Product> cart;
26      private double totalAmount = 0.0;
27
28      // Colors
29      private final Color AMAZON_BLUE = new Color(19, 25, 33);
30      private final Color AMAZON_LIGHT_BLUE = new Color(35, 47, 62);
31      private final Color AMAZON_YELLOW = new Color(254, 189, 105);
32      private final Color AMAZON_ORANGE = new Color(240, 136, 4);
33      private final Color BACKGROUND_COLOR = new Color(243, 243, 243);
34      private final Color CARD_COLOR = Color.WHITE;
35  }
36
37  PROBLEMS  DEBUG CONSOLE  TERMINAL  PORTS
38
39  PS C:\Users\karti\Downloads\java project> javac Product.java OnlineShopApp.java
40  PS C:\Users\karti\Downloads\java project> java OnlineShopApp
```

Project Structure and Classes

File	Description
OnlineShopApp.java	Main application class containing the UI components and application logic
Product.java	Represents products with properties like name, price, and description

Understanding this separation helps maintain clean code and modular design in Java Swing applications.