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Practical No: 5

**1)Find errors in following program and display output as shown below:**

import java.awt.\*;

import java.awt.event.\*;

public class Main extends Frame {

MenuBar mb;

MenuItem m1, m2, m3, m4;

Menu mn;

MenuShortcut ms;

Main() {

setTitle("MenuBar Demo");

setSize(500, 500);

setLayout(null);

ms = new MenuShortcut(KeyEvent.VK\_X);

mn = new Menu("File");

mb = new MenuBar();

m1 = new MenuItem("New...");

m2 = new MenuItem("Open...");

m3 = new MenuItem("Save As...");

m4 = new MenuItem("Exit", ms);

mn.add(m1);

mn.add(m2);

mn.add(m3);

mn.addSeparator();

mn.add(m4);

mb.add(mn); }

public static void main(String[] args) {

Main md = new Main();

md.setVisible(true);

}

}

**ANS:**

**The menubar “mb” was set on the frame.**

**“setMenuBar(mb);”**

**CODE:**

import java.awt.\*;

import java.awt.event.\*;

public class Main extends Frame {

MenuBar mb;

MenuItem m1, m2, m3, m4;

Menu mn;

MenuShortcut ms;

Main() {

setTitle("MenuBar Demo");

setSize(500, 500);

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ms = new MenuShortcut(KeyEvent.VK\_X);

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mb = new MenuBar();

m1 = new MenuItem("New...");

m2 = new MenuItem("Open...");

m3 = new MenuItem("Save As...");

m4 = new MenuItem("Exit", ms);

mn.add(m1);

mn.add(m2);

mn.add(m3);

mn.addSeparator();

mn.add(m4);

mb.add(mn);

**setMenuBar(mb); // Ans**

}

public static void main(String[] args) {

Main md = new Main();

md.setVisible(true);

}

}

**OUTPUT:**

