**Write J2ME or MIDP Application Program to create a list of objects such as cut, copy,**

**paste, delete, select all, unselect all etc. Program should display an appropriate message for the object selected on the screen.**

import javax.microedition.midlet.\*;

import javax.microedition.lcdui.\*;

public class MenuEvents extends MIDlet implements CommandListener,ItemStateListener

{ public ChoiceGroup ch;

public ChoiceGroup

ch1; public Form form;

public Form form1;

public Display display;

public Command View;

public Command Exit;

public Command Back;

public StringItem options;

public Item item;

public MenuEvents()

{

display=Display.getDisplay(this);

form=new Form("");

form1=new Form("Selcted Options are");

ch=new ChoiceGroup("Preferences",Choice.MULTIPLE);

ch.append("cut",null);

ch.append("copy",null);

ch.append("paste",null);

ch.append("delete",null);

ch.setSelectedIndex(1, true);

form.append(ch);

ch1=new ChoiceGroup("",Choice.EXCLUSIVE);

ch1.append("select all",null);

ch1.append("unselect all",null);

ch1.setSelectedIndex(1, true);

form.append(ch1);

View=new Command("View",Command.OK,1); Exit

=new Command("Exit",Command.EXIT,1);

Back=new Command("Back",Command.BACK,1);

form.addCommand(View);

form.addCommand(Exit);

form1.addCommand(Back);

form.setCommandListener(this);

form1.setCommandListener(this);

form.setItemStateListener(this);

}

public void startApp()

{

display.setCurrent(form);

}

public void pauseApp() {

}

public void destroyApp(boolean unconditional) {

}

public void commandAction(Command command,Displayable displayable)

{

if(displayable==form)

{

if(command==View)

{

boolean opt[]=new boolean[ch.size()];

options=new StringItem("","");

String values="";

ch.getSelectedFlags(opt);

options.setText("");

for(int i=0;i<opt.length;i++)< p=""> </opt.length;i++)<>

{

if(opt[i])

{

values+=ch.getString(i)+"\n";

}

}

options.setText(values);

form1.append(options);

display.setCurrent(form1);

}

else if(command==Exit)

{

destroyApp(true);

notifyDestroyed();

}

}

else if(displayable==form1)

{

if(command==Back)

{

display.setCurrent(form);

options.setText("");

}

}

}

public void itemStateChanged(Item item)

{

if(item==ch1)

{

int i=0;

int size=ch.size();

while(i<size)< p=""> </size)<>

{

if(ch1.getSelectedIndex()==0)

ch.setSelectedIndex(i, true);

else

ch.setSelectedIndex(i, false);

i++;

}

}

}

}

