

A_simple_card_game

```
Command=newCommand("EXIT", Command.ITEM, 4 );
Command=newCommand("NEW", Command.ITEM, 3 );
int ucard,ccard;
boolean flag1=true;
boolean flag2=false;
boolean flag3=false;

String sUser;
public cardcanvas(String m){

    = m;      sUser

this.addCommand(cmdbet);
this.addCommand(cmdshow);
this.addCommand(cmdexit);
this.addCommand(cmdnew);
    this.setCommandListener(this);
//System.out.print(m_Midlet);
}

public int rancard(){

Random generator = new Random();
    generator.setSeed(System.currentTimeMillis());
    float f = generator.nextFloat();

    return (int)(f*52.0f)%100;
}

protected void paint(Graphics g) {

// TODO Auto-generated method stub
setColor(0xf0f0f0);
fillRect(0, 0,ggetWidth(), getHeight());
setColor(0x0000ff);

    if(bnew){
        try {
            = Image.createImage("resuit/back.png");
            = Image.createImage("resuit/back.png");
        } catch (IOException e) {
// TODO Auto-generated catch block
printStackTrace();    e.
        }

        =false;      bnew
        }
        if(bshow){
            displaycard();

            g.drawString("",6 ,115, Graphics.TOP|Graphics.LEFT);
            if(ucard>ccard){
                setColor(0x000000);
                drawString("u win the game",70 ,150, Graphics.TOP|Graphics.LEFT);
                =ubal+2*bet;ubal
                ();      repaint
            }

            if(ucard==ccard){
                drawString(" ITS A TIE",70 ,150, Graphics.TOP|Graphics.LEFT);
                =ubal+bet;    ubal
                =cbal+bet;    cbal
            }
        }
    }
}
```

A_simple_card_game

```
        ();      repaint
    }
    if(ucard<ccard){
        setColor(0x000000);
        drawString(" u lost the game",70 ,150, Graphics.TOP|Graphics.LEFT);
        cbal=cbal+2*bet;
        repaint();
    }
    bshow=false;
}
g.drawImage(imgcomp,6,6, Graphics.TOP|Graphics.LEFT);
g.drawImage(imguser,156,6, Graphics.TOP|Graphics.LEFT);
g.setFont(Font.getFont(Font.FACE_PROPORTIONAL, Font.STYLE_BOLD, Font.SIZE_LARGE));
g.drawString(sUser,6 ,115, Graphics.TOP|Graphics.LEFT);
g.drawString("COMPUTER ",150 ,115, Graphics.TOP|Graphics.LEFT);
g.setFont(Font.getFont(Font.FACE_PROPORTIONAL, Font.STYLE_UNDERLINED, Font.SIZE_SMALL));
g.drawString(sUser+"'s BANK:$"+ubal,5 ,250, Graphics.TOP|Graphics.LEFT);
g.drawString("COMPUTER BANK:$"+cbal,110 ,250, Graphics.TOP|Graphics.LEFT);
g.drawString(sUser+"'s BET:$"+bet,90 ,200, Graphics.TOP|Graphics.LEFT);
}

public void displaycard(){

int index=rancard();
int index1;
    ucard=cardrank[index];
    try {
        imageimage.createImage("/suit/"+card[index]);

while(true){
    index=rancard();
    if(index==index1 && cardrank[index]==cardrank[index1])
        continue;
    else
        break;
}
//index=rancard();
    =cardrank[index1];
    =imageimage.createImage("/suit/"+card[index1]);

    } catch (IOException e) {

        System.out.print("image file not found");
    }
//cardmidlet cm=new cardmidlet();
//String name=cm.name();
//g.drawString("image demo",getWidth()/2-10 ,getHeight()/2, Graphics.TOP|Graphics.LEFT);

}

protected void keyPressed(int keyCode){
if(keyCode===-1){
    =bet+5;          bet
    ();             repaint
}
if(keyCode===-2){
    =bet-5;          bet
    ();             repaint
}
//repaint();
}
```

A_simple_card_game

```
}

public void commandAction(Command com, Displayable arg1) {
// TODO Auto-generated method stub
if(com==cmdshow && flag2){
    =true;           bshow
    =false;          flag2
    =true;           flag3
        ();         repaint
}

if(com==cmdnew & flag3){
    =true;           bnew
    =false;          flag3
    =true;           flag1
        ();         repaint
}

if(com==cmdbet && flag1){
    =ubal-bet;       ubal
    =cbal-bet;       cbal
    =true;           flag2
    =false;          flag1
        ();         repaint
}

}

}
```

cardmidlet.java

```
import javax.microedition.lcdui.*;
import javax.microedition.midlet.MIDlet;
import javax.microedition.midlet.MIDletStateChangeException;

public class cardmidlet extends MIDlet implements CommandListener {
private Display display;
private Form form;
private List menuList ;
String[] elements=new String[]{"New Game","Credit","Help","About"};
private Command selectCommand;
    Alert alert
        private Command fnext=new Command("NEXT",Command.ITEM,1);
        private Command fback=new Command("BACK",Command.BACK,1);
private TextField uname;
public String nname;

protected void destroyApp(boolean arg0) throws MIDletStateChangeException {
}

protected void pauseApp() {

}

public cardmidlet() {
    ();    menuList
}

}
```

A_simple_card_game

```
public void menuList() {

    display = Display.getDisplay(this);
    menuList = new List("Menu", List.IMPLICIT, elements, null);
    selectCommand("open", Command.ITEM, 1);
    menuSelectCommand(selectCommand);
    menuCommandListener(this);

}

protected void startApp() throws MIDletStateChangeException {
    setCurrentDisplayList();
}

public void about() {
    = new AlertDialog("Option Selected", "This game is created by"+"\\n"+" vivart pandey.", null, null);
    setTimeout(Alert.FOREVER);
    setType(AlertType.INFO);
    display(alert);
}

public void newgame(){
    =Display.getDisplay(this);
    =new TextField("Enter your name", "", 50, TextField.ANY);
    =new Form("newmuser");
    append(uname);
    addCommand(fnext);
    addCommand(fback);
    setCommandListener(this);
    setCurrentDisplayList();
}

public String name(){
    =uname.getUserName();
    return nname;
}

public void commandAction(Command com, Displayable arg1) {

if(com==selectCommand){
if(menuList.getSelectedIndex()==3)
    ();
    about
if(menuList.getSelectedIndex()==0)
    ();
    newgame

}

if(com==fback){
    setCurrentDisplayList.
}

if(com==fnext){
    = Display.getDisplay(this);
    =new cardcard(this.getName());

    setCurrent(cd); display.
}
}
}
```

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