

# Java Project

---

Submitted by:

Sagar (COE-III),  
Roll no. 337/COE/14  
Winter Training Project

Team Members:

Shreya (356/COE/14)  
Sagar Aggarwal (337/COE/14)  
Sachet Ganwal (335/COE/14)

Date of submission: 3<sup>rd</sup> May, 2016

## ***Introduction***

---

This project is a collection of simple games constituting a 'Gaming Zone'. It contains three different games-

- Picture Puzzle- It challenges a player to slide pieces along certain routes to establish a certain end configuration. The end configuration is provided alongside the board to guide the player throughout the game.
- Brick Breaker- In this game the user is challenged to break all the bricks on the frame with a moving ball. A bar is provided to stop the ball from falling down- out of the screen.
- Poker-This is the age old, very addictive game of cards. A multiplayer game where two players can bet against each other and start the rounds.

---

## ***Features***

The program starts with a main window which provides a menu to start any of the three games provided.

### **Picture Puzzle**

- A file menu is provided which gives options like new game, open, save and close.
- The help menu is provided which tells about the program and gives instructions on how to play
- Good user-interface.

### **Brick Breaker**

- The direction of the ball is reversed as soon as it intersects with the frame, the bricks or the bar.
- If the ball falls down and the bar doesn't save it, game is over.
- If all the bricks are broken, user wins.
- A restart option is available.
- Good user-interface.

### **Poker Form**

- It is password protected to prevent misuse of the platform.
- It identifies the poker hand accurately.
- Wrong bets are identified immediately.
- Minimum bet is doubled after every two minutes.
- Good user-interface.

## **Scope Of Improvement**

Like any other project there is a lot of scope of improvement for this project as well.

### **Picture Puzzle**

- A counter that counts number of clicks(turns) and score points accordingly.
- User may want to choose a different image.

### **Brick Breaker**

- A timer to time the game and score points accordingly.
- A pause-play button.
- Level-up: This can be done by increasing the speed of the ball or introducing more bricks.

### **Poker**

- It can be extended for more than two players.
- A save and continue feature can be introduced.

(iii)

---

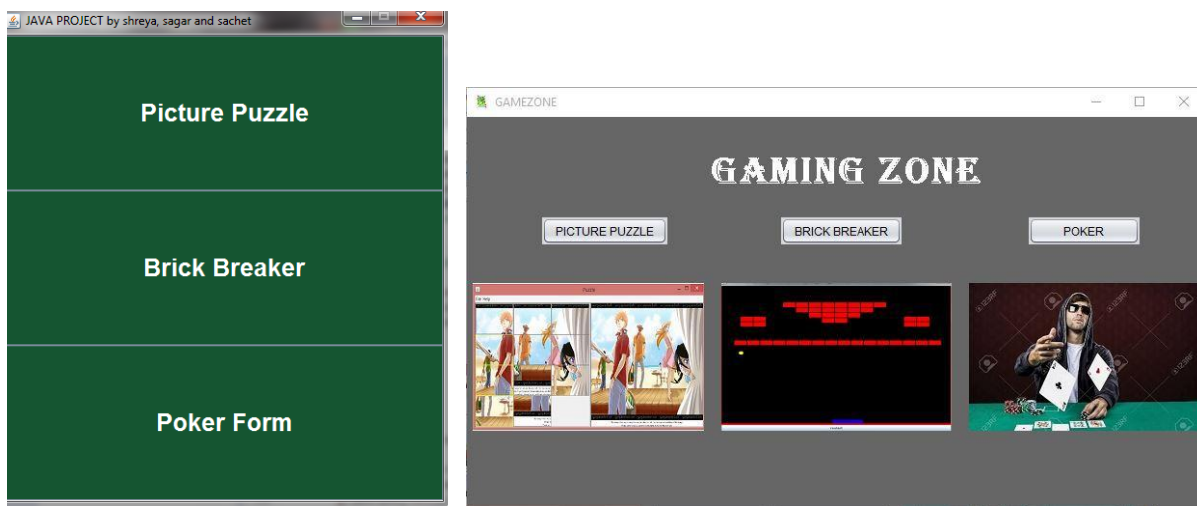
***Technology Used***

---

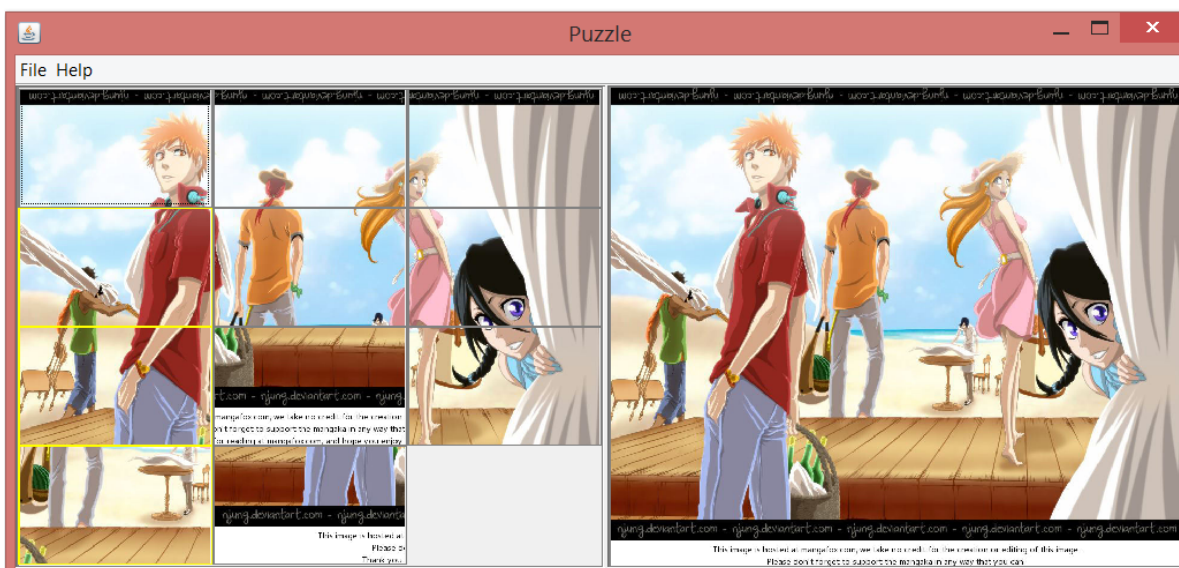
(iv)

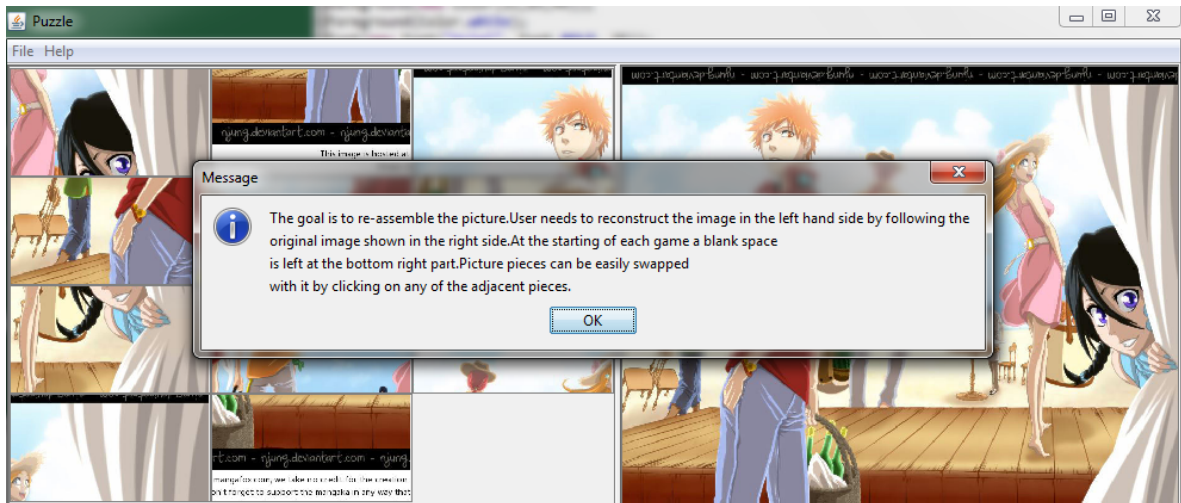
## Screenshots

### Main Window

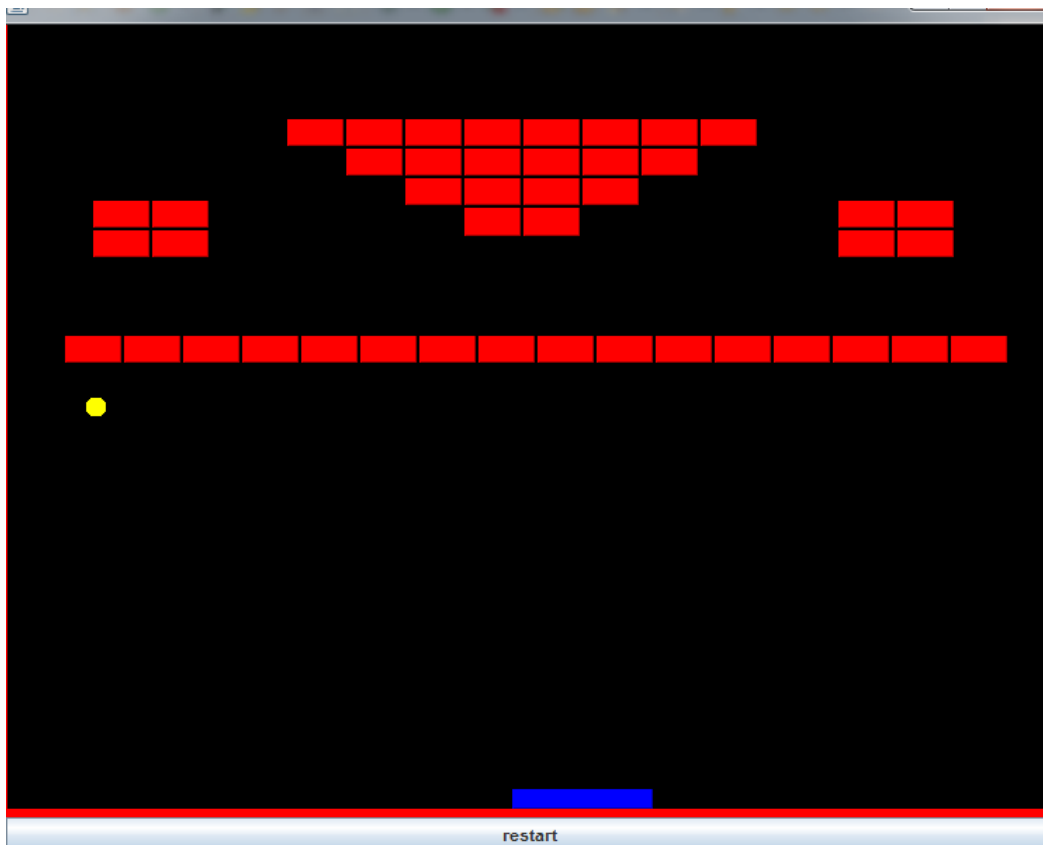


### Picture Puzzle



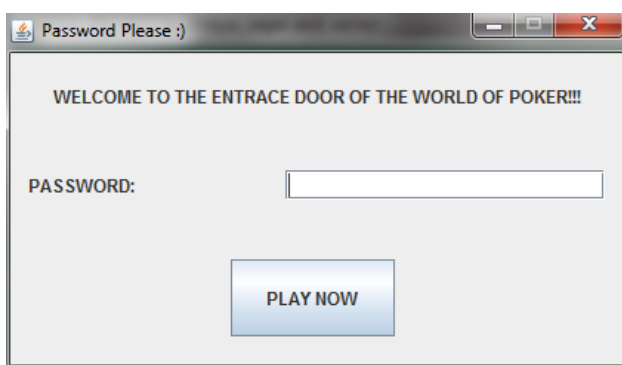


## Brick Breaker





## Poker





ALMOST THERE!!

MINIMUM BET :

PLAYER 1

Name :

Amount:

PLAYER 2

Name :

Amount:

GO!!!

NOTE: Minimum bet gets doubled after every two minutes. Play wisely!

POKER.!

START

K

♣

K

3

♠

3

10

♥

10

Q

♠

Q

J

♠

J

Sachet's money: 600

Sagar wins

Sagar's money: 1400

Sachet bets:

Sagar bets:

PAIR

7

♠

7

3

♣

3

POT: 0

Minimum Bet: 40

FLUSH

9

♠

9

8

♠

8

DEVELOPER'S SIGNATURE

Sachet

Sagar