

# LAB-04

```
public interface skillKey {  
    void normalATK()  
    void shikai () // skill 1  
    void bankai () //ultimate skill  
}
```

```
public class warrior implement skillKey  
  
    void normalATK ()  
        damage = 5          stamina -= 5          // no - condition  
        print (" | — hit — | ")  
  
    void shikai ()  
        damage = 7          stamina -= 10          // use normalATK 2 times  
        print (" | — slash — | ")  
  
    void bankai ()  
        damage = 20         stamina -= 30          // use normalATK 4 times or use shikai 2 times  
        print (" ...Bankai! Getsuga tenshouuuu ~")
```

```
public class mage implement skillKey  
  
    void normalATK ()  
        damage = 2          stamina -= 5          // no - condition  
        print (" | — hit — | ")  
  
    void shikai ()  
        damage = 15         stamina -= 10          // use normalATK 2 times  
        print (" | — element ball — | ")  
  
    void bankai ()  
        damage = 30         stamina -= 30          // use normalATK 4 times or use shikai 2 times  
        print (" ...Bankai! I am Atomic... ")
```

public interface accessories

```
int upDmg()
int upDef()
int upSpeed()
int upStamina()
```

public class ringOfMagic implement accessories

```
String name = "ring of Magic"
int level

boolean isWear

constructor ringOfMagic (int level) this.level = level; this.isWear = false;

int upDmg() return level * 2;
int upDef() return level / 2;
int upSpeed() return 0;
int upStamina() return level * 4;

public void wearRingOfMagic (Player player)
{
    if (isWear == false)
    {
        if (player.job.jobname == "Warrior") player.playerBuff ( upDmg()*2, upSpeed()*2, upDef()*2, upStamina()*2);
        else if (player.job.jobname == "Mage" ) player.playerBuff ( upDmg()*2, upSpeed()*2, upDef()*2, upStamina()*2);
        else return;
    }
    else { print(" You have already worn this ...")
}
```

public class gloveOfWarrior implement accessories

```
String name = "ring of Magic"
int level

boolean isWear

constructor ringOfMagic (int level) this.level = level; this.isWear = false;

int upDmg() return level * 2;
int upDef() return level / 2;
int upSpeed() return level * 2;
int upStamina() return level * 4;

public void wearRingOfMagic (Player player)
{
    if (isWear == false)
    {
        if (player.job.jobname == "Warrior") player.playerBuff ( upDmg()*2, upSpeed()*2, upDef()*2, upStamina()*2);
        else if (player.job.jobname == "Mage" ) player.playerBuff ( upDmg()*2, upSpeed()*2, upDef()*2, upStamina()*2);
        else return;
    }
    else { print(" You have already worn this ...")
}
```