

Group activity 1

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```

package com.company;
import javitris.*;

class Balance {

    public static void main(String[] args) {
        Scanner keyboard = new Scanner(System.in);
        int generatedBalances[] = new int[2];
        Random r = new Random();
        generatedBalances[0] = r.nextInt(100) + 1;
        generatedBalances[1] = r.nextInt(1000) + 1;
        System.out.println("1. Display checking account balance");
        System.out.println("2. Display savings account balance");
        System.out.print("Your choice: ");
        int choice = keyboard.nextInt();

        if (choice == 1) {
            if (generatedBalances[0] < 10) {
                System.out.println("Checking account balance is low");
            } else {
                System.out.println("Checking account balance is " +
generatedBalances[0]);
            }
        } else {
            if (generatedBalances[1] < 100) {
                System.out.println("Savings account balance is low");
            } else {
                System.out.println("Savings account balance is R" +
generatedBalances[1]);
            }
        }

        keyboard.close();
    }
}

```

```
Run: Balance
"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\lib\idea_rt.jar=63495:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin" -Didea.config.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\conf -Didea.copyright.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\copyright -Didea.home.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin -Didea.platform.prefix=Java -Didea.vendor.id=jetbrains -Didea.version=2021.3.3 -jar C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin\idea_rt.jar 63495
1. Display checking account balance
2. Display savings account balance
Your choice: 2
Savings account balance is R766
Process finished with exit code 0
```

```
Run: Balance
"C:\Program Files\Java\jdk-17.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\lib\idea_rt.jar=63447:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin" -Didea.config.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\conf -Didea.copyright.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\copyright -Didea.home.path=C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin -Didea.platform.prefix=Java -Didea.vendor.id=jetbrains -Didea.version=2021.3.3 -jar C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3.3\bin\idea_rt.jar 63447
1. Display checking account balance
2. Display savings account balance
Your choice: 1
Checking account balance is 74
Process finished with exit code 0
```